

## Eine wichtige Information zur richtigen Interpretation dieser Liste von Trägerstieren!

Aebi et al., Schweiz Arch Tierheilkd. 2016 Feb;158(2):102-8 schreiben in ihrer Publikation „Hereditäre Thrombozytopathie beim Simmental Rind“:

*...“Eine aktuell publizierte Liste von 2008 Fleckvieh Stieren aus Deutschland zeigt eine deutlich höhere Frequenz von 58% Anlageträgern in der deutschen Fleckviehpopulation ([http://www.fleckvieh.at/fileadmin/user\\_upload/PDF/Genetische\\_Besonderheiten/Traegerliste-gesamt.pdf](http://www.fleckvieh.at/fileadmin/user_upload/PDF/Genetische_Besonderheiten/Traegerliste-gesamt.pdf)). Dabei wurden 1'174 Stiere als Anlageträger (TPC) gekennzeichnet und insgesamt 14 Stiere (0.7%) wiesen den homozygoten Genotyp (zwei Kopien der kausalen Mutation) auf.“...*

Die Frequenz von 58% Anlageträger beim deutschen Fleckvieh beruhen auf einer hier im Jahr 2013 veröffentlichten Liste von Trägern zumindest eines der vier Erbfehler Zwergwuchs, Minderwuchs, Zinkdefizienz-like Syndrom und Thrombopathie. Es liegt auf der Hand, dass eine derartige Liste keine Grundlage einer unverzerrten Allelfrequenzschätzung sein kann!

Die **Allelfrequenz in der weiblichen Fleckviehpopulation dürfte tatsächlich bei etwa 6,8% liegen** (Egger-Danner et al., Zuechtungskunde. 2015; 87:201–14).

GF Ing. Johann Tanzler,

AGÖF Arbeitsgemeinschaft österreichischer Fleckviehzüchter

| Nummer          | Name       | Vater     | MV          | Station    | J. | DW | FH2 | ZDL  | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|------------|-----------|-------------|------------|----|----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000940047138 | AARON      | ALTAI     | REGIO       | 10, 16     | 05 |    |     |      | TP  | 107 | 106 | 111 | 98  | 99  | 98  | 99  | 98  |
| 276000930956292 | ADMIRAL    | STROVANNA | MOSAIK      | 10, 16     | 99 |    |     | ZDL  |     | 72  | 84  | 74  | 88  | 90  | 87  | 99  | 107 |
| 276000932622069 | AIDA       | STROVANNA | RADON       | 10, 16     | 99 |    |     | ZDL  |     | 76  | 81  | 83  | 97  | 103 | 112 | 93  | 102 |
| 276000939924749 | AINRING    | ALTAI     | HENRY       | 10, 16     | 05 |    |     | ZDL  |     | 109 | 105 | 100 | 110 | 78  | 105 | 112 | 103 |
| 276000932785882 | AJAX       | STROVANNA | LOTUS       | AV, 10, 16 | 99 |    |     | ZDL  |     | 92  | 106 | 102 | 72  | 104 | 109 | 89  | 91  |
| 276000932502657 | ALABAMA    | STROVANNA | RALBO       | 10, 16     | 99 |    |     | ZDL  |     | 90  | 88  | 96  | 102 | 99  | 99  | 88  | 103 |
| 276000940307155 | ALBATROS   | ALEON     | ROMEL (A)   | Eu, 6, 9   | 06 | DW |     |      |     | 102 | 102 | 110 | 93  | 91  | 105 | 95  | 95  |
| 276000931065700 | ALBO       | STROVANNA | RALBO       | 17, A1, A7 | 99 |    |     | ZDL  |     | 95  | 103 | 105 | 81  | 116 | 116 | 87  | 103 |
| 276000811448217 | ALEON      | STROVANNA | MORWEL      | Eu, 27     | 99 | DW |     |      |     | 98  | 104 | 92  | 94  | 109 | 101 | 100 | 109 |
| 276000940366700 | ALEX       | ALEON     | ROCHEN      | Eu, 6      | 06 | DW |     |      |     | 97  | 104 | 103 | 84  | 101 | 103 | 94  | 91  |
| 276000933200507 | ALFA       | STROVANNA | GS MALF     | 17, A1, A7 | 99 |    |     | ZDL  |     | 79  | 82  | 104 | 87  | 103 | 111 | 82  | 110 |
| 276000940557462 | ALINGHI    | ALEON     | SAMURAI     | 10, 16     | 06 | DW |     |      |     | 106 | 104 | 99  | 106 | 109 | 108 | 97  | 107 |
| 276000935704698 | ALPEX      | ALPHORN   | GS MALF     | Eu, 6, 17  | 01 |    | FH2 |      |     | 95  | 103 | 90  | 94  | 100 | 106 | 99  | 99  |
| 276000931065699 | ALTAI      | STROVANNA | RALBO       | 10, AV, 16 | 99 |    |     | ZDL  |     | 107 | 109 | 114 | 89  | 98  | 103 | 90  | 105 |
| 276000939970876 | AMADEUS    | ALTAI     | ROGEN       | Eu, 9, 6   | 06 |    | FH2 | ZDL  |     | 99  | 101 | 109 | 88  | 103 | 101 | 74  | 101 |
| 276000940307170 | AMBOSS     | ALTAI     | ROCHEN      | 10, 16     | 05 |    |     | ZDL  |     | 116 | 108 | 107 | 111 | 93  | 115 | 91  | 106 |
| 276000933614504 | AMMER      | STROVANNA | HORWEIN     | Eu, A3, 6  | 99 |    |     | ZDL  |     | 89  | 90  | 81  | 109 | 103 | 105 | 78  | 99  |
| 040000785170342 | AMOR ET    | RALBIT    | STREITL     | Eu, A8     | 01 |    |     |      | TP  | 90  | 88  | 100 | 101 | 109 | 113 | 76  | 95  |
| 276000811240460 | APAT       | STROVANNA | HAXPAT      | 27         | 99 |    |     | ZDL  |     | 99  | 95  | 83  | 115 | 98  | 95  | 108 | 111 |
| 276000932373985 | ARTUS      | STROVANNA | MUSTER      | 10, 16     | 99 |    |     | ZDL  |     | 82  | 90  | 94  | 87  | 95  | 114 | 84  | 99  |
| 276000939546854 | ASKABAN    | AJAX      | RANDY       | 10, 16     | 05 |    |     | ZDL  |     | 90  | 99  | 104 | 79  | 102 | 115 | 86  | 83  |
| 276000933225900 | ASKARI     | STROVANNA | HODACH      | 10, 16     | 99 |    |     | ZDL  |     | 80  | 91  | 87  | 84  | 93  | 97  | 92  | 99  |
| 276000930934918 | AST        | STROVANNA | STAR        | 3, 6       | 99 |    |     | ZDL  |     | 86  | 95  | 91  | 87  | 98  | 102 | 90  | 85  |
| 276000932961498 | ASTA       | STROVANNA | RENOLD      | Eu, 6      | 99 |    |     | ZDL  |     | 83  | 94  | 88  | 86  | 112 | 92  | 97  | 108 |
| 276000932902137 | ASTACH     | STROVANNA | REPORT      | 3          | 99 |    |     | ZDL  | TP  | 80  | 86  | 96  | 89  | 90  | 106 | 98  | 92  |
| 276000932107873 | ASTERIX    | STROVANNA | GS MALF     | Eu, 6, 9   | 99 |    |     | ZDL  |     | 110 | 102 | 105 | 113 | 92  | 121 | 94  | 114 |
| 276000932618575 | ASTEROID   | STROVANNA | RALBO       | A1, A7, 10 | 99 |    |     | ZDL  |     | 83  | 93  | 88  | 85  | 103 | 96  | 91  | 87  |
| 276000934104182 | ASTHORT    | STROVANNA | HORST       | 10         | 99 |    |     | ZDL  |     | 82  | 93  | 81  | 87  | 85  | 101 | 101 | 86  |
| 276000933047568 | ASTILP     | STROVANNA | PLANKTON    | Eu, 6      | 99 |    |     | ZDL? |     | 93  | 91  | 96  | 104 | 97  | 108 | 97  | 94  |
| 276000932940736 | ASTMA      | STROVANNA | RALBO       | Eu, 6, 9   | 99 |    |     | ZDL  |     | 78  | 75  | 86  | 109 | 107 | 118 | 87  | 100 |
| 276000932500270 | ASTOLZ     | STROVANNA | HORWEIN     | Eu, 6, 3   | 99 |    |     | ZDL  |     | 98  | 101 | 103 | 92  | 92  | 106 | 77  | 94  |
| 276000932381996 | ASTORI     | STROVANNA | REPORT      | 10, 9      | 99 |    |     |      | TP  | 94  | 94  | 90  | 104 | 100 | 116 | 96  | 86  |
| 276000932908981 | ASTOX      | STROVANNA | BOIS LE VIN | 3          | 99 |    |     | ZDL  |     | 110 | 111 | 81  | 111 | 104 | 89  | 90  | 106 |
| 276000811089329 | ASTREIN ET | STROVANNA | ZEITLER     | 3          | 99 |    |     | ZDL  |     | 85  | 90  | 86  | 97  | 98  | 104 | 92  | 108 |
| 276000932500267 | ASTROV     | STROVANNA | HORWEIN     | A1, A7, 10 | 99 |    |     | ZDL  |     | 115 | 104 | 119 | 110 | 100 | 125 | 76  | 109 |
| 276000932500297 | ASTURO     | STROVANNA | HORWEIN     | 3, 6       | 99 |    |     | ZDL  |     | 80  | 89  | 99  | 82  | 98  | 115 | 79  | 102 |
| 276000933307851 | ASTUS      | STROVANNA | MAGNUS      | 10         | 99 |    |     | ZDL  |     | 91  | 97  | 96  | 90  | 97  | 98  | 89  | 102 |
| 276000813344398 | AWART      | ALEON     | HORWART     | 27         | 06 | DW |     |      |     | 100 | 100 | 107 | 95  | 103 | 106 | 101 | 102 |
| 276000935752597 | BABYLON    | BORNEO    | GS MALF     | 2          | 02 |    | FH2 |      |     | 97  | 91  | 109 | 103 | 102 | 108 | 109 | 98  |
| 276000940462482 | BALATON    | BOSPOR    | RALBO       | 10         | 06 |    |     |      | TP  | 101 | 97  | 82  | 118 | 95  | 99  | 120 | 101 |
| 040000436789545 | BALDIN     | GS BONSAI | ALPEN RED   | A1, A5, A3 | 01 |    | FH2 |      |     | 79  | 93  | 90  | 80  | 98  | 85  | 106 | 100 |
| 040000167199844 | BENJA      | BALBO     | PROFIL II   | Eu, A3     | 84 | DW |     |      |     | 73  | 74  | 90  | 100 | 95  | 109 | 93  | 76  |
| 040000460141944 | BERTL      | BENJA     | MAMBO       | Eu, A3     | 93 | DW |     |      |     | 60  | 64  | 91  | 92  | 75  | 106 | 89  | 71  |
| 040000401914144 | BILLI      | BARON     | HAMLET      | Eu, A3     | 91 | DW |     |      |     | 52  | 66  | 99  | 68  | 88  | 112 | 89  | 69  |
| 040000759036542 | BIMBO ET   | BOSS      | RENNER      | Eu, A8     | 00 |    |     |      | TP  | 87  | 95  | 90  | 89  | 88  | 82  | 94  | 98  |
| 276000935311719 | BOBO       | BORNEO    | RALBO       | 10         | 01 |    |     |      | TP  | 86  | 92  | 101 | 89  | 99  | 106 | 110 | 98  |
| 276000934794888 | BOMALF     | BOSS      | GS MALF     | Eu, A3, 6  | 00 |    |     |      | TP  | 85  | 94  | 99  | 84  | 99  | 106 | 101 | 98  |
| 276000933806550 | BOMAT      | BOSS      | GS MALF     | 3, A3      | 00 |    | FH2 |      |     | 84  | 93  | 89  | 85  | 95  | 116 | 99  | 86  |
| 276000934162599 | BORAD      | BOSS      | RADAR       | Eu, 9      | 00 |    |     |      | TP  | 93  | 91  | 82  | 113 | 78  | 104 | 113 | 104 |
| 276000932930279 | BOSAL      | BOSS      | RALBO       | A1, A7, 10 | 99 |    |     |      | TP  | 94  | 99  | 87  | 95  | 94  | 92  | 101 | 101 |
| 276000940323991 | BOSANOVA   | BOSSAG    | GEBAL       | Eu, 6      | 05 |    |     |      | TP  | 115 | 113 | 108 | 100 | 89  | 115 | 88  | 77  |
| 276000933295974 | BOSELT     | BOSS      | EIFEL       | 10         | 00 |    |     |      | TP  | 88  | 100 | 79  | 87  | 102 | 100 | 115 | 100 |
| 276000939880596 | BOSNIAK    | BOSSAG    | WINZER      | Eu, 6      | 05 |    |     |      | TPr | 98  | 99  | 91  | 104 | 102 | 116 | 96  | 102 |
| 276000934645030 | BOSSAG     | BOSS      | RALBIT      | Eu, 6      | 00 |    |     |      | TP  | 99  | 109 | 91  | 88  | 106 | 102 | 94  | 90  |
| 276000940600193 | BOWLING    | BOSSAG    | WINZER      | 17, A1, A7 | 06 |    |     |      | TP  | 99  | 109 | 99  | 83  | 113 | 116 | 87  | 91  |
| 276000943760557 | BRAAI      | BONSCHAL  | RAXLER      | 10, 16     | 08 |    |     |      | TP  | 102 | 97  | 105 | 113 | 91  | 104 | 100 | 98  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name           | Vater        | MV        | Station    | J. | DW | FH2 | ZDL  | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------|--------------|-----------|------------|----|----|-----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000937961731 | BRACHAT        | BRASIL       | STROVANNA | Eu, 6      | 03 |    |     | ZDL  |    | 97  | 97  | 112 | 91  | 110 | 119 | 109 | 92  |
| 203000136725589 | BRAKY          | RANDY        | JUN-619   |            | 02 |    |     |      | TP | 97  | 93  | 92  | 110 | 92  | 96  | 107 | 114 |
| 276000934980737 | BUCHHEIM       | GS BONSAI    | POSTNER   | 10, 16     | 01 |    | FH2 |      |    | 76  | 82  | 103 | 84  | 99  | 104 | 100 | 96  |
| 203000040753053 | CIVAN          | RUMBA        | REN-387   | 10         | 03 |    |     |      | TP | 95  | 98  | 103 | 92  | 108 | 110 | 95  | 102 |
| 276000944772050 | DAKAPO         | DIONYSOS *TA | WINNIPEG  | Eu, 6, A5  | 10 |    | FH2 |      |    | 128 | 120 | 105 | 118 | 101 | 103 | 103 | 113 |
| 276000938590506 | DARIUS         | GS DIONIS    | WESPE     | AV, 10, 16 | 04 |    | FH2 |      |    | 98  | 91  | 121 | 100 | 106 | 114 | 100 | 88  |
| 276000944475621 | DASIGO         | DEXTRO       | POLDI     | 3          | 10 |    |     |      | TP | 121 | 113 | 108 | 113 | 96  | 97  | 101 | 120 |
| 276000940108336 | DELPHI         | GS DIONIS    | HODACH    | 17, A1     | 05 |    | FH2 |      |    | 94  | 93  | 90  | 106 | 97  | 120 | 96  | 101 |
| 276000945116019 | DERKSEN *TA    | DEXTRO       | WINNIPEG  | 10, 16     | 10 |    | FH2 |      |    | 125 | 112 | 125 | 112 | 104 | 115 | 91  | 112 |
| 276000945116030 | DEXPEG         | DEXTRO       | WINNIPEG  | Eu, 27     | 10 |    | FH2 |      |    | 126 | 110 | 115 | 120 | 108 | 111 | 101 | 110 |
| 203000120154021 | DIALOG         | GS DIONIS    | LUCIAN    |            | 04 |    |     |      | TP | 105 | 102 | 113 | 102 | 94  | 106 | 103 | 97  |
| 040000144431447 | DIDI           | GS DISKONT   | ROMEN     | Eu, A3     | 01 | DW |     |      |    | 95  | 98  | 102 | 93  | 93  | 109 | 96  | 96  |
| 040000404126344 | DIDI           | DELO         | STREIF    | Eu, A3     | 91 | DW |     |      |    | 59  | 69  | 97  | 77  | 97  | 105 | 89  | 80  |
| 276000937804072 | DILBIT         | GS DIONIS    | RALBIT    | 27         | 04 |    |     |      | TP | 98  | 96  | 100 | 104 | 95  | 103 | 82  | 94  |
| 276000939071605 | DINGO          | GS DIONIS    | RANDY     | A1, 17     | 04 |    |     |      | TP | 108 | 103 | 108 | 106 | 85  | 107 | 94  | 113 |
| 276000937804066 | DIOMEL (A*)    | GS DIONIS    | ROMEL (A) | Eu, A5     | 04 |    | FH2 |      |    | 109 | 101 | 103 | 114 | 114 | 119 | 109 | 107 |
| 276000812630983 | DIPORT         | GS DIONIS    | REPORT    | 27         | 04 |    |     |      | TP | 107 | 101 | 108 | 107 | 102 | 105 | 111 | 110 |
| 040000858977518 | DISCO          | GS DIADORA   | WINNIPEG  | Eu, A3     | 11 |    | FH2 |      |    | 125 | 109 | 116 | 117 | 107 | 115 | 95  | 107 |
| 040000657962142 | DISPUT         | GS DISKONT   | GS MALF   | A1, A7, 10 | 99 |    | FH2 |      |    | 94  | 95  | 99  | 97  | 113 | 103 | 98  | 88  |
| 276000938165300 | DOMESTIK       | GS DIONIS    | RAMBA     | Eu, 6      | 04 |    |     |      | TP | 105 | 98  | 103 | 113 | 106 | 109 | 101 | 111 |
| 276000945105997 | DOMSPITZ PS *  | DEXTRO       | VAGABUND  | 10, 16     | 10 |    |     |      | TP | 113 | 115 | 106 | 92  | 98  | 96  | 90  | 101 |
| 276000946242536 | DORNIER *TA    | DISKANT *TA  | WINNIPEG  | 10, 16     | 11 |    | FH2 |      |    | 127 | 117 | 111 | 119 | 102 | 99  | 104 | 112 |
| 276000939227066 | DRESSMAN       | GS DIONIS    | RANDY     | 10, 16     | 04 |    |     |      | TP | 109 | 103 | 107 | 106 | 112 | 100 | 93  | 106 |
| 276000942526021 | DUNGA          | DON JUAN     | REGIO     | 10, 16     | 08 |    |     |      | TP | 109 | 99  | 122 | 108 | 85  | 92  | 86  | 100 |
| 276000938301422 | EFFEKT (A*)    | EWEIN (A)    | HODACH    | 2          | 04 |    | FH2 |      |    | 99  | 96  | 90  | 112 | 87  | 105 | 96  | 95  |
| 276000938340547 | EGMONT         | ENGADIN *TA  | GS MALF   | 3          | 04 |    |     |      | TP | 100 | 96  | 101 | 107 | 100 | 108 | 107 | 90  |
| 276000938288505 | EHRWALD        | ENGADIN *TA  | UTNACH    | 10, 2, 16  | 03 |    |     |      | TP | 99  | 95  | 86  | 118 | 81  | 93  | 107 | 104 |
| 276000930230756 | EIBACH         | EGOL (A)     | PROPELLER | Eu, 6      | 97 |    | FH2 |      |    | 85  | 83  | 109 | 95  | 112 | 114 | 102 | 82  |
| 276000937248232 | EIFER          | EILIG *TA    | RANDY     | 10         | 03 |    |     |      | TP | 107 | 103 | 104 | 104 | 94  | 109 | 90  | 100 |
| 276000931194198 | EIS *TA        | EGOL (A)     | STREITL   | 17, A1, A7 | 97 |    |     | ZDL  |    | 100 | 101 | 111 | 92  | 101 | 112 | 85  | 99  |
| 276000945880467 | EISENSTEIN *TA | ETTAL        | WILLIAM   | 10, 16     | 11 |    |     |      | TP | 128 | 117 | 118 | 111 | 103 | 100 | 99  | 103 |
| 276000938996533 | ELBA *TA       | ENGADIN *TA  | REGIO     | 17, A1     | 05 |    |     | ZDL  |    | 97  | 94  | 103 | 105 | 105 | 100 | 109 | 96  |
| 040000836126911 | ELDORO         | EGOL (A)     | GS MALF   | Eu, A8     | 98 |    | FH2 |      |    | 84  | 89  | 101 | 89  | 102 | 122 | 111 | 106 |
| 276000938340546 | EMALF          | ENGADIN *TA  | GS MALF   | Eu, 27     | 04 |    | FH2 |      |    | 117 | 111 | 105 | 110 | 104 | 103 | 103 | 99  |
| 276000945943281 | EMIL           | ERMUT        | VANSTEIN  | Eu, 6, A8  | 11 |    |     |      | TP | 124 | 116 | 99  | 123 | 94  | 95  | 111 | 104 |
| 276000930772258 | EMIR           | EGOL (A)     | ROCK      | 2          | 97 |    |     |      | TP | 90  | 88  | 116 | 90  | 97  | 101 | 87  | 84  |
| 276000974586678 | EMOTION        | ERMUT        | WINNIPEG  | Eu, 6, A3  | 09 |    |     |      | TP | 126 | 117 | 106 | 119 | 103 | 98  | 111 | 104 |
| 276000937491282 | EMOTION        | ENGADIN *TA  | PONART    | 10, 16     | 03 |    |     | ZDL  |    | 100 | 92  | 99  | 113 | 85  | 115 | 112 | 94  |
| 276000944443040 | ENDELL         | ENDO         | BOSPOR    | A1, 17     | 10 |    |     |      | TP | 127 | 122 | 112 | 107 | 102 | 101 | 110 | 102 |
| 276000944684192 | ENDIPEG 2      | ENDO         | WINNIPEG  | Eu, 9      | 10 |    | FH2 |      |    | 125 | 120 | 108 | 110 | 97  | 93  | 111 | 99  |
| 276000974599177 | ENDLOS         | ENDO         | MADERA    | Eu, 6, A5  | 10 |    | FH2 |      |    | 128 | 119 | 109 | 116 | 109 | 94  | 105 | 116 |
| 276000937438169 | ENGAL-AP       | ENGADIN *TA  | RALBIT    | Eu, 9, 6   | 04 |    |     |      | TP | 108 | 97  | 92  | 125 | 80  | 117 | 96  | 111 |
| 276000939812674 | EPILOG         | EPO *TA      | RANDY     | 2          | 05 |    |     |      | TP | 106 | 99  | 102 | 114 | 106 | 99  | 89  | 109 |
| 276000938156301 | EPISTAT        | EPO *TA      | RANDY     | 2          | 04 |    |     |      | TP | 110 | 101 | 112 | 108 | 90  | 100 | 93  | 99  |
| 276000937941396 | EROS           | ERFURT *TA   | ROMEN     | 10, 16     | 03 |    |     | ZDL  |    | 88  | 87  | 80  | 109 | 111 | 97  | 100 | 118 |
| 276000662351444 | ERROL          | ERGO         | REPORT    | Eu, 26, 6  | 04 |    | FH2 |      |    | 104 | 107 | 94  | 99  | 107 | 100 | 104 | 99  |
| 276000974604783 | ESCORIAL       | ETTAL        | WINNIPEG  | Eu, 6      | 10 |    | FH2 |      |    | 123 | 116 | 104 | 111 | 96  | 94  | 95  | 102 |
| 040000395679118 | ESPIRITO *TA   | ETTAL        | HUTMANN   | 10, 16     | 10 |    |     |      | TP | 121 | 114 | 113 | 102 | 111 | 98  | 91  | 119 |
| 276000930969708 | EUTIN          | EGOL (A)     | RENNER    | 16, 10     | 97 |    |     |      | TP | 74  | 74  | 116 | 85  | 91  | 121 | 101 | 76  |
| 276000935703443 | FERNPASS       | FASAN        | STEFFEN   | 10, 16     | 01 |    |     | ZDL  |    | 100 | 93  | 98  | 114 | 102 | 114 | 117 | 112 |
| 276000942238113 | FIDELIS        | FERNPASS     | HORWEIN   | 10, AV, 16 | 07 |    |     | ZDL  |    | 115 | 117 | 101 | 100 | 119 | 97  | 104 | 96  |
| 250007190069505 | FLIPPER        | TIBET        | NEW LOOK  |            | 90 |    |     | ZDL? |    | 88  | 89  | 91  | 100 | 96  | 66  | 104 | 104 |
| 276000936383268 | FRIKAN         | FRIESE       | STRAMIN   | Eu, 6      | 02 |    |     |      | TP | 95  | 90  | 103 | 105 | 107 | 100 | 93  | 93  |
| 276000931844075 | FUTUR          | STREUF       | DART      | 17, A7, 10 | 98 |    | FH2 |      |    | 78  | 85  | 104 | 80  | 91  | 97  | 99  | 91  |
| 276000944421596 | GALAPAGOS (A)  | GEBALOT      | HOCHKOGL  | 10, 16     | 10 |    | FH2 |      |    | 125 | 120 | 110 | 110 | 103 | 110 | 108 | 98  |
| 276000933794591 | GALLIER        | GEBAL        | EGOL (A)  | 10, 16     | 00 |    |     |      | TP | 81  | 94  | 102 | 73  | 92  | 105 | 92  | 82  |

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| Nummer          | Name                 | Vater       | MV         | Station   | J. | DW        | FH2        | ZDL        | TP         | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------------|-------------|------------|-----------|----|-----------|------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000455872544 | <b>GANGERL</b>       | GUTRAM      | ROMBUS     | Eu, A3    | 93 | <b>DW</b> |            |            |            | 72  | 77  | 104 | 82  | 107 | 111 | 93  | 84  |
| 040000308847748 | <b>GAUCHO</b>        | GUTRAM      | PASCHA     |           | 93 | <b>DW</b> |            |            |            | 61  | 54  | 114 | 94  | 99  | 117 | 89  | 77  |
| 276000945517437 | <b>GEBAELK *TA</b>   | GEBALOT     | VANSTEIN   | Eu, 6     | 10 |           |            |            | <b>TP</b>  | 126 | 114 | 106 | 127 | 87  | 110 | 100 | 114 |
| 276000941025092 | <b>GECKO</b>         | GEBALOT     | HUMID      | 3         | 07 |           |            | <b>ZDL</b> |            | 107 | 100 | 98  | 117 | 89  | 109 | 100 | 104 |
| 276000933334014 | <b>GERA</b>          | GEBAL       | RADIUS     | Eu, 9     | 00 |           |            |            | <b>TP</b>  | 88  | 81  | 83  | 119 | 80  | 124 | 100 | 95  |
| 276000943460149 | <b>GERMANICUS P</b>  | GIGANT Pp   | KOMET PP   | 10        | 10 |           | <b>FH2</b> |            |            | 61  | 46  | 126 | 98  | 93  | 134 | 83  | 80  |
| 276000934697978 | <b>GERMANUS</b>      | GEBAL       | RALBO      | 10, 16    | 00 |           |            |            | <b>TP</b>  | 103 | 103 | 104 | 98  | 96  | 123 | 104 | 99  |
| 276000945983114 | <b>GERSTL</b>        | GEBALOT     | HUTMANN    | Eu, 9     | 10 |           |            |            | <b>TP</b>  | 124 | 118 | 104 | 111 | 91  | 110 | 106 | 93  |
| 040000243428519 | <b>GRANDIOS</b>      | GIRADELI    | GS RUMGO   | Eu, A3, 6 | 12 |           | <b>FH2</b> |            |            | 135 | 134 | 101 | 111 | 106 | 92  | 104 | 110 |
| 040000659311642 | <b>GS BITT</b>       | BOSS        | GS MALF    | A1        | 00 |           | <b>FH2</b> |            |            | 92  | 102 | 94  | 82  | 99  | 87  | 93  | 92  |
| 040000504783833 | <b>GS BRUTUS</b>     | BALLMANN    | GS BORN    | A1        | 88 | <b>DW</b> |            |            |            | 70  | 77  | 81  | 94  | 90  | 106 | 100 | 83  |
| 040000833506772 | <b>GS DEUTSCHBA</b>  | GS DIONIS   | GS MALHAX  | A1        | 04 |           | <b>FH2</b> |            |            | 102 | 104 | 105 | 92  | 101 | 106 | 101 | 113 |
| 040000244468409 | <b>GS DIONID</b>     | GS DIONIS   | HUMID      | A1        | 05 |           |            |            | <b>TP</b>  | 98  | 92  | 105 | 109 | 103 | 116 | 101 | 97  |
| 040000324372716 | <b>GS ELIOT</b>      | ENGADIN *TA | MANDL      | A1        | 08 |           | <b>FH2</b> |            |            | 114 | 108 | 112 | 110 | 90  | 105 | 103 | 111 |
| 040000511274734 | <b>GS FLITSCH</b>    | FLIPPER     | GS MALF    | A1        | 99 |           | <b>FH2</b> |            |            | 93  | 90  | 113 | 94  | 90  | 76  | 95  | 104 |
| 040000498464918 | <b>GS GLOCKNER</b>   | GEBALOT     | WALDBRAND  | A1        | 11 |           | <b>FH2</b> |            |            | 130 | 116 | 112 | 123 | 104 | 110 | 117 | 104 |
| 040000457358172 | <b>GS HADES</b>      | HIPPO       | RENNER     | A1        | 03 |           |            |            | <b>TP</b>  | 92  | 93  | 111 | 91  | 111 | 109 | 101 | 112 |
| 040000381586632 | <b>GS HALAT</b>      | HALF        | GS AGNAT   | A1        | 85 |           | <b>FH2</b> |            |            | 55  | 55  | 105 | 88  | 87  | 112 | 89  | 94  |
| 040000160889533 | <b>GS HANDA</b>      | HALLING     | HALF       | A1, 17    | 95 |           | <b>FH2</b> |            |            | 76  | 82  | 99  | 87  | 81  | 109 | 93  | 84  |
| 040000629430407 | <b>GS HANGER</b>     | HATZ        | RENGER     | A1, 17    | 04 |           |            |            | <b>TP</b>  | 106 | 103 | 102 | 106 | 99  | 114 | 89  | 107 |
| 040000457360472 | <b>GS HANOMAG</b>    | HIPPO       | RENNER     | A1        | 03 |           | <b>FH2</b> |            | <b>TP</b>  | 98  | 93  | 111 | 103 | 92  | 106 | 103 | 103 |
| 040000124294933 | <b>GS HAXEITL</b>    | HAXALA      | STREITL    | A1        | 93 |           |            | <b>ZDL</b> |            | 86  | 80  | 103 | 107 | 86  | 105 | 95  | 90  |
| 040000639132911 | <b>GS HENGER</b>     | HORB        | RENGER     | A1        | 98 |           |            |            | <b>TP</b>  | 87  | 93  | 99  | 90  | 87  | 103 | 96  | 112 |
| 040000863993542 | <b>GS HENRY</b>      | HERON       | GS MALF    | A1, 17    | 02 |           | <b>FH2</b> |            |            | 110 | 103 | 107 | 110 | 95  | 96  | 102 | 109 |
| 040000162405333 | <b>GS HERNSTEIN</b>  | HALLING     | STREITL    | A1, 17    | 95 |           |            | <b>ZDL</b> |            | 86  | 82  | 107 | 100 | 90  | 112 | 100 | 85  |
| 040000945640872 | <b>GS HERSTEIN *</b> | HIPPO       | ROMEL (A)  | A1        | 04 |           |            |            | <b>TP</b>  | 106 | 108 | 97  | 99  | 94  | 97  | 116 | 117 |
| 040000163655514 | <b>GS HOCHARN</b>    | HERICH      | HORWART    | A1        | 06 |           |            | <b>ZDL</b> |            | 119 | 128 | 110 | 82  | 116 | 101 | 113 | 101 |
| 040000164538514 | <b>GS HOCHGALL</b>   | HUTMANN     | ROMEL (A)  | A1        | 07 |           |            |            | <b>TP?</b> | 110 | 114 | 93  | 100 | 119 | 103 | 100 | 120 |
| 040000150602516 | <b>GS HOCHTURM</b>   | HUTMANN     | REGIO      | A1        | 07 |           |            |            | <b>TP</b>  | 110 | 119 | 111 | 79  | 97  | 104 | 106 | 103 |
| 040000518086433 | <b>GS HONORAR</b>    | HODSCHA     | PAMAX      | A1, 17    | 91 |           |            |            | <b>TP</b>  | 77  | 76  | 82  | 109 | 106 | 110 | 90  | 100 |
| 040000229136117 | <b>GS HURTIG</b>     | HORITO      | GS MALPEN  | A1        | 09 |           | <b>FH2</b> |            |            | 113 | 107 | 92  | 123 | 106 | 104 | 105 | 115 |
| 040000807056872 | <b>GS IDEALIST</b>   | REGIO       | ROMEN      | A1        | 03 |           |            |            | <b>TP</b>  | 95  | 91  | 110 | 101 | 96  | 107 | 103 | 100 |
| 040000220599907 | <b>GS IGNAZ</b>      | REGIO       | ROMEN      | A1        | 04 |           |            |            | <b>TP</b>  | 105 | 101 | 98  | 111 | 89  | 107 | 108 | 104 |
| 040000487380417 | <b>GS IGNIS</b>      | INDER       | HULOCK     | A1        | 09 |           |            |            | <b>TP</b>  | 113 | 109 | 105 | 105 | 105 | 93  | 105 | 112 |
| 040000839752116 | <b>GS IKEA</b>       | INDER       | ERGO       | A1        | 09 |           | <b>FH2</b> |            |            | 105 | 108 | 88  | 105 | 96  | 91  | 112 | 111 |
| 040000354137516 | <b>GS ILLINOIS</b>   | INDER       | VANSTEIN   | A1        | 08 |           | <b>FH2</b> |            | <b>TP</b>  | 124 | 115 | 111 | 113 | 95  | 94  | 95  | 119 |
| 040000153297417 | <b>GS IMRE</b>       | INHOF       | WATERBERG  | A1        | 09 |           |            |            | <b>TP</b>  | 125 | 122 | 107 | 108 | 98  | 86  | 95  | 111 |
| 040000239348817 | <b>GS INGO</b>       | INDER       | WEINOLD    | A1, 17    | 09 |           |            |            | <b>TP</b>  | 120 | 112 | 111 | 108 | 101 | 85  | 111 | 112 |
| 040000890039518 | <b>GS INKLUSIV</b>   | INHOF       | WALDBRAND  | A1, 17    | 11 |           | <b>FH2</b> |            |            | 127 | 122 | 101 | 111 | 115 | 90  | 109 | 115 |
| 040000936213417 | <b>GS INNOCENT</b>   | INDER       | STEGO      | A1        | 10 |           | <b>FH2</b> |            |            | 124 | 121 | 106 | 108 | 101 | 86  | 103 | 111 |
| 040000837549916 | <b>GS INNSBRUCK</b>  | INDER       | VANSTEIN   | A1        | 08 |           | <b>FH2</b> |            | <b>TP</b>  | 126 | 120 | 111 | 110 | 97  | 87  | 106 | 110 |
| 040000310832372 | <b>GS INTENSIV</b>   | REGIO       | GS MALF    | A1        | 03 |           | <b>FH2</b> |            |            | 104 | 101 | 106 | 103 | 102 | 108 | 106 | 101 |
| 040000045616872 | <b>GS INVEST</b>     | REGIO       | GS MALF    | A1        | 03 |           |            |            | <b>TP</b>  | 104 | 101 | 114 | 98  | 101 | 108 | 107 | 106 |
| 040000485772534 | <b>GS LINK</b>       | LOCK        | GS MALF    | A1        | 99 |           | <b>FH2</b> |            |            | 108 | 94  | 106 | 122 | 101 | 123 | 86  | 86  |
| 040000952655172 | <b>GS MAGNA (A)</b>  | MADERA      | ROMEL (A)  | A1        | 04 |           | <b>FH2</b> |            |            | 118 | 112 | 110 | 107 | 102 | 92  | 108 | 103 |
| 040000112423344 | <b>GS MAGNET</b>     | MANDO       | CAESAR     | A1        | 83 | <b>DW</b> |            |            |            | 71  | 74  | 99  | 92  | 98  | 116 | 87  | 79  |
| 040000945647672 | <b>GS MAGNUS</b>     | MANDL       | ROMEN      | A1        | 04 |           | <b>FH2</b> |            |            | 105 | 103 | 115 | 93  | 95  | 107 | 93  | 89  |
| 040000186419714 | <b>GS MAIER</b>      | MANSO       | RENGER     | A1        | 07 |           | <b>FH2</b> |            |            | 103 | 101 | 117 | 95  | 98  | 117 | 86  | 98  |
| 040000159113316 | <b>GS MAKALU</b>     | MANSO       | SAFIR      | A1        | 07 |           | <b>FH2</b> |            |            | 108 | 113 | 97  | 97  | 88  | 92  | 83  | 103 |
| 040000538764842 | <b>GS MAKER</b>      | GS MALHAX   | GS HORNUNG | A1        | 01 | <b>DW</b> |            |            |            | 85  | 93  | 99  | 84  | 111 | 106 | 91  | 92  |
| 040000040568233 | <b>GS MALF</b>       | MORELLO     | HALF       | A1, 17    | 88 |           | <b>FH2</b> |            |            | 97  | 94  | 107 | 99  | 113 | 111 | 105 | 100 |
| 040000345706633 | <b>GS MALFEIT</b>    | GS MALF     | STREITL    | A1, 17    | 96 |           | <b>FH2</b> |            |            | 92  | 95  | 117 | 84  | 101 | 105 | 76  | 79  |
| 040000649320945 | <b>GS MALHAL</b>     | GS MALHAX   | GS DISKONT | A1, 17    | 01 |           | <b>FH2</b> |            |            | 85  | 87  | 92  | 98  | 116 | 83  | 89  | 107 |
| 040000153674133 | <b>GS MALHAX</b>     | GS MALF     | HAXALA     | A1        | 94 |           | <b>FH2</b> |            |            | 95  | 97  | 101 | 95  | 124 | 96  | 94  | 107 |
| 040000171857933 | <b>GS MALLO</b>      | GS MALF     | HASSAN     | A1, 17    | 95 |           | <b>FH2</b> |            |            | 85  | 84  | 105 | 97  | 96  | 108 | 100 | 85  |
| 040000565291645 | <b>GS MALRICH</b>    | GS MALHAX   | STREIF     | A1        | 01 |           | <b>FH2</b> |            |            | 80  | 85  | 95  | 90  | 102 | 104 | 102 | 97  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                  | Vater       | MV          | Station    | J. | DW | FH2        | ZDL        | TP        | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-----------------------|-------------|-------------|------------|----|----|------------|------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000827429147 | <b>GS MALTO</b>       | GS MALF     | HAU RED     | A1         | 03 |    | <b>FH2</b> |            |           | 99  | 90  | 97  | 117 | 84  | 76  | 99  | 113 |
| 040000092867534 | <b>GS MALTON</b>      | GS MALHAX   | RENTON      | A1, 17     | 98 |    | <b>FH2</b> |            |           | 85  | 82  | 90  | 110 | 108 | 107 | 100 | 102 |
| 040000239727245 | <b>GS MALVIN</b>      | GS MALHAX   | RENGER      | A1         | 00 |    | <b>FH2</b> |            | <b>TP</b> | 93  | 95  | 112 | 88  | 117 | 100 | 103 | 92  |
| 040000685423214 | <b>GS MANGART</b>     | MANSO       | HIPPO       | A1         | 07 |    | <b>FH2</b> |            |           | 104 | 95  | 108 | 111 | 111 | 114 | 96  | 105 |
| 040000852888309 | <b>GS MANI</b>        | MANDL       | GS STRICH   | A1         | 06 |    |            | <b>ZDL</b> |           | 114 | 101 | 118 | 113 | 100 | 116 | 96  | 94  |
| 040000748245409 | <b>GS MANTA</b>       | MANDL       | GS WALD     | A1         | 06 |    | <b>FH2</b> |            |           | 113 | 114 | 93  | 105 | 92  | 80  | 104 | 86  |
| 040000647682707 | <b>GS MANTRA</b>      | MANDL       | GS WAX      | A1         | 05 |    |            |            | <b>TP</b> | 100 | 89  | 113 | 112 | 97  | 106 | 94  | 104 |
| 040000239355717 | <b>GS MANUBA</b>      | MANITOBA    | RUMBA       | A1         | 09 |    | <b>FH2</b> |            |           | 126 | 118 | 102 | 121 | 113 | 109 | 101 | 98  |
| 040000484302972 | <b>GS MANUEL</b>      | MANDL       | JURIST RED  | A1         | 03 |    | <b>FH2</b> |            |           | 105 | 110 | 89  | 98  | 108 | 82  | 89  | 105 |
| 040000324381816 | <b>GS MARCEL</b>      | MANDL       | HUMID       | A1         | 08 |    | <b>FH2</b> |            |           | 106 | 101 | 102 | 108 | 102 | 96  | 103 | 109 |
| 040000824407133 | <b>GS MARSTERN</b>    | GS MALF     | HARRY       | A1         | 95 |    | <b>FH2</b> |            |           | 91  | 76  | 102 | 123 | 110 | 116 | 110 | 106 |
| 276000939591780 | <b>GS MARTY</b>       | MARTL-DE    | RANDY       | A1         | 05 |    | <b>FH2</b> |            |           | 89  | 92  | 102 | 90  | 131 | 91  | 99  | 91  |
| 040000184757314 | <b>GS MASOL</b>       | MANSO       | DOLLAR      | A1         | 07 |    | <b>FH2</b> |            |           | 114 | 121 | 100 | 89  | 122 | 94  | 91  | 107 |
| 040000554116533 | <b>GS MASS</b>        | GS MALF     | HASSAN      | A1, 17     | 95 |    | <b>FH2</b> |            |           | 82  | 77  | 113 | 98  | 99  | 120 | 102 | 92  |
| 040000155193442 | <b>GS MATL</b>        | GS MALFEIT  | HORWEIN     | A1         | 00 |    | <b>FH2</b> |            |           | 86  | 91  | 92  | 93  | 92  | 101 | 75  | 84  |
| 040000598142714 | <b>GS MAXIMO</b>      | MANSO       | GS WAXIN    | A1, 17     | 07 |    | <b>FH2</b> |            |           | 113 | 114 | 89  | 111 | 97  | 110 | 95  | 102 |
| 040000187101833 | <b>GS MAZAB</b>       | GS MALF     | GS HEINO    | A1, 17     | 95 |    | <b>FH2</b> |            |           | 77  | 85  | 111 | 74  | 100 | 101 | 95  | 71  |
| 040000225372607 | <b>GS MENTOR</b>      | MANDL       | JUPLIER RED | A1         | 04 |    | <b>FH2</b> |            |           | 98  | 108 | 92  | 83  | 111 | 61  | 96  | 95  |
| 040000232814842 | <b>GS MERZEDES</b>    | GS MALHAX   | PANZER      | A1         | 00 |    | <b>FH2</b> |            |           | 95  | 99  | 96  | 94  | 100 | 83  | 103 | 99  |
| 040000299520316 | <b>GS MEXICAN</b>     | MANITOBA    | RUMBA       | A1         | 08 |    |            |            | <b>TP</b> | 120 | 115 | 86  | 122 | 105 | 113 | 106 | 114 |
| 040000598548233 | <b>GS MIKY</b>        | GS MALF     | DIRTECK     | A1, 17     | 95 |    | <b>FH2</b> |            |           | 81  | 96  | 89  | 79  | 103 | 91  | 92  | 83  |
| 040000828754747 | <b>GS MOLNAR</b>      | MATREI      | DOLLAR      | A1, 17     | 02 |    |            |            | <b>TP</b> | 81  | 85  | 93  | 93  | 119 | 96  | 101 | 103 |
| 040000855105109 | <b>GS MONARCH</b>     | MANDL       | RUMBA       | A1         | 07 |    | <b>FH2</b> |            |           | 113 | 107 | 107 | 108 | 97  | 103 | 100 | 105 |
| 040000854648609 | <b>GS MONDY</b>       | MORIS       | RANDY       | A1         | 06 |    |            |            | <b>TP</b> | 111 | 111 | 102 | 100 | 94  | 94  | 93  | 100 |
| 276000938165511 | <b>GS MONTOYA (J)</b> | MADERA      | ROMEL (A)   | A1         | 04 |    | <b>FH2</b> |            |           | 98  | 98  | 94  | 105 | 90  | 94  | 109 | 106 |
| 040000998478609 | <b>GS MUCH</b>        | MANDL       | REPTEIT     | A1, 17     | 06 |    | <b>FH2</b> |            |           | 111 | 112 | 107 | 95  | 109 | 89  | 103 | 103 |
| 040000425103633 | <b>GS MUCKI</b>       | GS MALF     | STREITL     | A1, 17     | 97 |    |            | <b>ZDL</b> |           | 72  | 77  | 96  | 87  | 104 | 102 | 94  | 88  |
| 040000602228914 | <b>GS MUSIKUS</b>     | MALINT      | RUMBA       | A1         | 07 |    |            |            | <b>TP</b> | 118 | 116 | 112 | 101 | 119 | 97  | 90  | 112 |
| 040000588973617 | <b>GS OBERST</b>      | GS HUMLAU   | GS DIONIS   | A1, 17     | 10 |    |            |            | <b>TP</b> | 123 | 119 | 106 | 105 | 111 | 89  | 103 | 99  |
| 040000731052417 | <b>GS OLIGARCH</b>    | HUPSOL      | RANDY       | A1, A7, 17 | 09 |    |            |            | <b>TP</b> | 124 | 112 | 105 | 122 | 109 | 96  | 88  | 120 |
| 040000084379633 | <b>GS PALAST</b>      | GS PRAEFEXT | HARTL       | A1         | 91 |    | <b>FH2</b> |            |           | 59  | 72  | 74  | 86  | 101 | 98  | 81  | 82  |
| 040000003615133 | <b>GS PAMHANS</b>     | PAMAX       | -           | A1         | 86 |    |            |            | <b>TP</b> | 57  | 61  | 89  | 92  | 113 | 109 | 97  | 92  |
| 040000236819217 | <b>GS PAN TAU</b>     | GS POLARI   | RUMBA       | A1         | 09 |    |            |            | <b>TP</b> | 112 | 111 | 94  | 109 | 111 | 86  | 96  | 104 |
| 040000733338147 | <b>GS PAOLO</b>       | POLDI       | GS MALF     | A1         | 03 |    | <b>FH2</b> |            |           | 98  | 96  | 107 | 100 | 112 | 102 | 111 | 100 |
| 040000436110817 | <b>GS PEGASOS</b>     | GS POLARI   | GS RUMGO    | A1, 17     | 09 |    |            |            | <b>TP</b> | 128 | 117 | 89  | 136 | 111 | 105 | 112 | 102 |
| 040000968379947 | <b>GS PIEBER</b>      | POLDI       | GS MALF     | A1, 17     | 03 |    | <b>FH2</b> |            |           | 102 | 98  | 126 | 90  | 109 | 114 | 109 | 97  |
| 040000252979772 | <b>GS POMAT</b>       | POLDI       | GS MALF     | A1         | 03 |    |            | <b>ZDL</b> |           | 114 | 108 | 111 | 107 | 121 | 108 | 100 | 103 |
| 040000395277333 | <b>GS PONAX</b>       | POSTNER     | HAXALA      | A1         | 97 |    | <b>FH2</b> |            |           | 97  | 90  | 114 | 104 | 100 | 114 | 96  | 96  |
| 040000606446633 | <b>GS PRIAMOS</b>     | POSTNER     | STREITL     | A1, 17     | 96 |    |            | <b>ZDL</b> |           | 73  | 84  | 92  | 81  | 110 | 111 | 95  | 81  |
| 040000373579847 | <b>GS RABENSTEI</b>   | RALBIT      | HAXOLT      | A1, 17     | 02 |    |            |            | <b>TP</b> | 99  | 98  | 109 | 97  | 96  | 116 | 83  | 79  |
| 040000604550833 | <b>GS RAD</b>         | RALBO       | STREITL     | A1, 17     | 96 |    |            |            | <b>TP</b> | 107 | 101 | 102 | 108 | 106 | 116 | 90  | 84  |
| 040000496500471 | <b>GS RADLO</b>       | RADI        | GS HANNES   | A1         | 92 |    |            |            | <b>TP</b> | 86  | 75  | 99  | 118 | 82  | 118 | 103 | 111 |
| 040000355747362 | <b>GS RADLO</b>       | RADIUS      | MORELLO     | A1         | 97 |    |            |            | <b>TP</b> | 80  | 73  | 126 | 91  | 100 | 121 | 91  | 75  |
| 040000256193245 | <b>GS RALHO</b>       | RALBIT      | HORB        | A1         | 01 |    |            |            | <b>TP</b> | 94  | 103 | 118 | 74  | 111 | 118 | 84  | 101 |
| 040000419737233 | <b>GS RALLEY</b>      | RALBO       | STREITL     | A1, 17     | 97 |    |            | <b>ZDL</b> | <b>TP</b> | 96  | 96  | 102 | 98  | 92  | 116 | 94  | 95  |
| 040000617869645 | <b>GS RAMEX</b>       | RAMBA       | ROMEN       | A1         | 01 |    |            |            | <b>TP</b> | 79  | 88  | 87  | 88  | 114 | 113 | 98  | 102 |
| 040000553599833 | <b>GS RAMO</b>        | RALBO       | MOSAIK      | A1         | 95 |    |            |            | <b>TP</b> | 86  | 81  | 111 | 98  | 99  | 108 | 91  | 99  |
| 040000777419533 | <b>GS RAMUS</b>       | RADIUS      | ROMULUS     | A1         | 93 |    |            |            | <b>TP</b> | 80  | 83  | 103 | 88  | 96  | 107 | 85  | 99  |
| 040000235113945 | <b>GS RANDYBOY</b>    | RANDY       | STREITL     | A1         | 01 |    |            |            | <b>TP</b> | 94  | 93  | 105 | 96  | 92  | 100 | 77  | 96  |
| 040000346715445 | <b>GS RANTEN</b>      | RANDY       | ALPEN RED   | A1         | 01 |    |            |            | <b>TP</b> | 99  | 100 | 89  | 104 | 103 | 95  | 98  | 114 |
| 040000820180547 | <b>GS RAPPORT</b>     | RUMBA       | ALPEN RED   | A1         | 02 |    |            |            | <b>TP</b> | 101 | 109 | 98  | 85  | 121 | 92  | 97  | 96  |
| 040000512801734 | <b>GS RASANT</b>      | RENNMER     | GS HAXILAN  | A1         | 99 |    |            |            | <b>TP</b> |     |     |     |     |     |     |     |     |
| 040000871845234 | <b>GS RASTBACH</b>    | REPORT      | STREITL     | A1, 17     | 00 |    |            |            | <b>TP</b> | 74  | 93  | 89  | 69  | 97  | 83  | 101 | 107 |
| 040000479154914 | <b>GS RAUCHER</b>     | ROCHUS      | HERICH      | A1         | 08 |    |            | <b>ZDL</b> | <b>TP</b> | 107 | 105 | 108 | 99  | 114 | 104 | 91  | 103 |
| 040000827370272 | <b>GS RAUF</b>        | RUMBA       | HAU RED     | A1         | 03 |    |            |            | <b>TP</b> | 99  | 103 | 102 | 90  | 126 | 106 | 78  | 103 |
| 040000515206814 | <b>GS RAUREIF</b>     | GS RAU      | HUMID       | A1         | 07 |    |            |            | <b>TP</b> | 113 | 110 | 104 | 105 | 123 | 105 | 89  | 104 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                | Vater     | MV         | Station | J. | DW        | FH2        | ZDL        | TP         | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|---------------------|-----------|------------|---------|----|-----------|------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000845921672 | <b>GS RAWALF</b>    | GS RAWEIN | GS MALF    | A1      | 03 |           | <b>FH2</b> |            |            | 110 | 105 | 94  | 113 | 113 | 112 | 110 | 116 |
| 040000348853233 | <b>GS RAXL</b>      | RENGER    | HAXALA     | A1, 17  | 96 |           |            |            | <b>TP</b>  | 89  | 87  | 124 | 88  | 122 | 126 | 102 | 99  |
| 040000875597118 | <b>GS RC4</b>       | GS RÖMER  | VANSTEIN   | A1      | 11 |           |            |            | <b>TP</b>  | 132 | 120 | 111 | 120 | 109 | 107 | 94  | 115 |
| 040000025400507 | <b>GS REASON</b>    | RUMBA     | ALPEN RED  | A1      | 04 |           |            |            | <b>TP</b>  | 94  | 101 | 95  | 90  | 111 | 91  | 88  | 98  |
| 040000703721642 | <b>GS REDAT</b>     | RENNMER   | HORWEIN    | A1      | 00 |           |            |            | <b>TP</b>  | 69  | 78  | 99  | 80  | 105 | 109 | 95  | 93  |
| 040000742990272 | <b>GS REHAR</b>     | GS REHARD | DOLLAR     | A1      | 03 |           |            |            | <b>TP</b>  | 76  | 82  | 81  | 96  | 110 | 85  | 107 | 115 |
| 040000416908233 | <b>GS REHARD</b>    | REPORT    | HARDIN     | A1, 17  | 97 |           |            |            | <b>TP</b>  | 92  | 96  | 96  | 95  | 105 | 80  | 105 | 116 |
| 040000342173162 | <b>GS REHAX</b>     | RENGER    | HAXALA     | A1      | 96 |           |            |            | <b>TP</b>  | 84  | 82  | 83  | 110 | 90  | 108 | 101 | 104 |
| 040000006920616 | <b>GS RENATO</b>    | RORB TA   | MANDL      | A1      | 07 |           | <b>FH2</b> |            |            | 108 | 108 | 91  | 107 | 100 | 89  | 103 | 106 |
| 040000608762711 | <b>GS RENDITO</b>   | RENGER    | GS PRONTO  | A1      | 98 |           |            |            | <b>TP</b>  | 91  | 84  | 131 | 93  | 111 | 122 | 112 | 104 |
| 040000872197934 | <b>GS RENKER</b>    | RENNER    | MOBART     | A1, 17  | 99 |           | <b>FH2</b> |            | <b>TP</b>  | 87  | 97  | 94  | 84  | 109 | 94  | 107 | 97  |
| 040000302063507 | <b>GS REOX</b>      | GS REHARD | WEINOX     | A1      | 04 |           |            |            | <b>TP</b>  | 107 | 112 | 89  | 98  | 103 | 94  | 102 | 104 |
| 040000438769133 | <b>GS REPO</b>      | RENGER    | GS PRONTO  | A1      | 97 |           |            |            | <b>TP</b>  | 90  | 85  | 104 | 104 | 87  | 112 | 115 | 105 |
| 040000464303133 | <b>GS REPROFF</b>   | REPORT    | HALF       | A1, 17  | 97 |           |            |            | <b>TP?</b> | 68  | 86  | 88  | 70  | 109 | 87  | 96  | 103 |
| 040000168159672 | <b>GS RESALF</b>    | RESS      | GS MALF    | A1      | 03 |           | <b>FH2</b> |            |            | 108 | 109 | 91  | 104 | 95  | 104 | 105 | 115 |
| 040000051071433 | <b>GS RETL</b>      | REDOX     | HARTL      | A1, 17  | 89 |           | <b>FH2</b> |            |            | 65  | 65  | 96  | 97  | 100 | 104 | 93  | 93  |
| 276000916190221 | <b>GS RETORT</b>    | REPORT    | PROPELLER  | A1      | 97 |           |            |            | <b>TP</b>  | 78  | 101 | 97  | 57  | 103 | 104 | 105 | 96  |
| 040000352457562 | <b>GS RICARDO</b>   | RENGER    | RADI       | A1      | 97 |           |            |            | <b>TP</b>  | 92  | 95  | 95  | 96  | 106 | 108 | 100 | 98  |
| 040000520476647 | <b>GS ROBINSON</b>  | ROMOR     | GS MALF    | A1      | 02 |           | <b>FH2</b> |            |            | 108 | 94  | 111 | 116 | 105 | 103 | 98  | 103 |
| 040000199755633 | <b>GS RODI</b>      | ROMEN     | RADI       | A1, 17  | 96 |           |            |            | <b>TP</b>  | 91  | 89  | 98  | 101 | 82  | 107 | 105 | 96  |
| 040000866492534 | <b>GS ROFFI</b>     | ROLO      | GS MALF    | A1      | 00 |           | <b>FH2</b> |            |            | 90  | 100 | 92  | 86  | 95  | 104 | 85  | 94  |
| 040000346481245 | <b>GS ROGER</b>     | RALBIT    | STREITL    | A1      | 01 |           |            | <b>ZDL</b> |            | 103 | 97  | 104 | 108 | 96  | 117 | 90  | 99  |
| 040000909255514 | <b>GS ROLANDO</b>   | RUREX *TA | RUMBA      | A1      | 08 |           | <b>FH2</b> |            |            | 111 | 100 | 111 | 113 | 106 | 122 | 107 | 112 |
| 040000745717942 | <b>GS ROMA</b>      | ROLO      | GS MALF    | A1      | 01 |           | <b>FH2</b> |            |            | 94  | 92  | 111 | 97  | 97  | 115 | 97  | 81  |
| 040000641071516 | <b>GS ROSBERG</b>   | GS RAU    | HERICH     | A1, 17  | 08 |           |            | <b>ZDL</b> |            | 117 | 108 | 95  | 123 | 96  | 104 | 98  | 122 |
| 040000783007607 | <b>GS RUBIKON</b>   | RAFFAEL   | HERON      | A1      | 05 |           |            |            | <b>TP</b>  | 104 | 101 | 115 | 101 | 120 | 114 | 100 | 103 |
| 040000617783345 | <b>GS RUM</b>       | RUMBA     | GS MALF    | A1      | 01 |           |            |            | <b>TP</b>  | 123 | 116 | 109 | 110 | 106 | 118 | 97  | 108 |
| 040000168213272 | <b>GS RUMGO</b>     | RUMBA     | STEGO      | A1, 17  | 02 |           | <b>FH2</b> |            | <b>TP</b>  | 138 | 123 | 105 | 127 | 104 | 93  | 103 | 104 |
| 040000735006314 | <b>GS RUMSTAR</b>   | GS RUM    | VAGABUND   | A1      | 09 |           |            |            | <b>TP</b>  | 113 | 109 | 109 | 104 | 104 | 118 | 92  | 105 |
| 040000035660845 | <b>GS RUSCAL</b>    | RUMBA     | PASCAL     | A1      | 00 |           |            |            | <b>TP</b>  | 86  | 89  | 106 | 88  | 109 | 127 | 92  | 88  |
| 040000388252547 | <b>GS RUSSO</b>     | RUMBA     | GS DISKONT | A1      | 02 |           |            |            | <b>TP</b>  | 106 | 100 | 102 | 109 | 105 | 98  | 96  | 99  |
| 040000368550447 | <b>GS RUWOX</b>     | RUMBA     | WEINOX     | A1, 17  | 02 |           |            |            | <b>TP?</b> | 98  | 100 | 121 | 81  | 110 | 116 | 85  | 98  |
| 040000420471233 | <b>GS SALBEI</b>    | STEFFEN   | GS MALF    | A1      | 97 |           | <b>FH2</b> | <b>ZDL</b> |            | 83  | 80  | 92  | 107 | 98  | 116 | 106 | 97  |
| 040000249947533 | <b>GS SALUTI</b>    | STREITL   | GS HARALD  | A1      | 91 |           |            | <b>ZDL</b> |            | 75  | 70  | 94  | 109 | 99  | 99  | 101 | 92  |
| 040000186371114 | <b>GS SERKO</b>     | SAFIR     | GS MALHAX  | A1      | 06 |           | <b>FH2</b> |            |            | 108 | 113 | 107 | 90  | 121 | 109 | 108 | 110 |
| 040000874305434 | <b>GS STALBO</b>    | GS STAHL  | RALBO      | A1      | 99 |           |            |            | <b>TP</b>  | 91  | 94  | 99  | 93  | 107 | 115 | 93  | 109 |
| 040000589606611 | <b>GS STELLER</b>   | STEFFEN   | PROPELLER  | A1      | 98 |           |            | <b>ZDL</b> |            | 72  | 72  | 102 | 91  | 98  | 110 | 107 | 91  |
| 040000661330342 | <b>GS STEMALF</b>   | STEGO     | GS MALF    | A1      | 00 |           | <b>FH2</b> |            |            | 104 | 102 | 105 | 101 | 88  | 97  | 100 | 89  |
| 040000246188933 | <b>GS STORCH</b>    | STREITL   | HARDEN     | A1, 17  | 91 |           |            | <b>ZDL</b> |            | 76  | 81  | 109 | 81  | 94  | 107 | 82  | 91  |
| 040000510542211 | <b>GS STORR</b>     | STEFFEN   | HORWEIN    | A1      | 98 |           |            | <b>ZDL</b> |            | 72  | 80  | 98  | 78  | 97  | 107 | 97  | 101 |
| 040000606455733 | <b>GS STRABI</b>    | STREIB    | RADI       | A1      | 96 |           |            | <b>ZDL</b> |            | 90  | 90  | 113 | 89  | 103 | 88  | 105 | 95  |
| 040000265139748 | <b>GS STRADIVAR</b> | STREIF    | PATRON     | A1      | 88 | <b>DW</b> |            |            |            | 73  | 68  | 101 | 102 | 99  | 103 | 89  | 89  |
| 040000090122733 | <b>GS STRALF</b>    | STREIF    | HALF       | A1      | 91 |           | <b>FH2</b> |            |            | 78  | 80  | 91  | 98  | 95  | 101 | 86  | 91  |
| 040000392076333 | <b>GS STRAMBUL</b>  | STREITL   | BAMBI      | A1, 17  | 96 |           |            | <b>ZDL</b> |            | 85  | 90  | 86  | 96  | 100 | 105 | 86  | 101 |
| 040000264244533 | <b>GS STRAMY</b>    | STREITL   | GS SAMY    | A1, 17  | 92 |           |            | <b>ZDL</b> |            | 85  | 85  | 95  | 101 | 87  | 108 | 96  | 105 |
| 040000742134633 | <b>GS STREIDI</b>   | STREITL   | RADI       | A1      | 91 |           |            | <b>ZDL</b> |            | 78  | 81  | 99  | 89  | 98  | 102 | 99  | 84  |
| 040000269705433 | <b>GS STREITBER</b> | STREITL   | PROSIT     | A1, 17  | 92 |           |            | <b>ZDL</b> |            | 72  | 77  | 98  | 88  | 95  | 91  | 94  | 98  |
| 040000092069733 | <b>GS STREITUS</b>  | STREITL   | BAMBUS     | A1      | 91 |           |            | <b>ZDL</b> |            | 70  | 65  | 98  | 106 | 92  | 97  | 88  | 95  |
| 040000729226747 | <b>GS STREIWAX</b>  | STREITL   | GS WAX     | A1      | 02 |           |            |            | <b>TP</b>  | 75  | 74  | 83  | 107 | 96  | 111 | 105 | 119 |
| 040000742379333 | <b>GS STRICH</b>    | STREITL   | PROSIT     | A1      | 92 |           |            | <b>ZDL</b> |            | 85  | 86  | 102 | 93  | 94  | 102 | 91  | 94  |
| 040000286713933 | <b>GS STRINI</b>    | STREITL   | HAXALA     | A1, 17  | 93 |           |            | <b>ZDL</b> |            | 74  | 78  | 89  | 93  | 90  | 105 | 76  | 93  |
| 040000127285533 | <b>GS STRISKO</b>   | STREITL   | DISKO      | A1      | 93 |           |            | <b>ZDL</b> |            | 74  | 71  | 98  | 100 | 97  | 96  | 85  | 108 |
| 040000304754833 | <b>GS STRIZL</b>    | STREITL   | GS HANNES  | A1, 17  | 94 |           |            | <b>ZDL</b> |            | 74  | 72  | 93  | 102 | 112 | 97  | 82  | 105 |
| 276000928552527 | <b>GS TAFTL</b>     | TAFT      | HARTL      | A1, 17  | 83 |           |            | <b>ZDL</b> |            | 70  | 74  | 86  | 97  | 88  | 94  | 92  | 88  |
| 040000639710516 | <b>GS VABENE</b>    | VANSTEIN  | RESS       | A1      | 08 |           |            |            | <b>TP</b>  | 135 | 125 | 127 | 109 | 102 | 99  | 101 | 124 |
| 040000963935247 | <b>GS VALID</b>     | RANDY     | GS MALF    | A1, 17  | 03 |           |            |            | <b>TP</b>  | 104 | 101 | 98  | 109 | 97  | 97  | 83  | 101 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                 | Vater        | MV              | Station | J. | DW | FH2 | ZDL | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------------|--------------|-----------------|---------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000212738317 | <b>GS VALLUGA</b> *T | ROUND UP     | ROMEL (A)       | A1      | 09 |    |     |     | TP  | 120 | 113 | 108 | 116 | 105 | 107 | 101 | 105 |
| 040000909254414 | <b>GS VAMPIR</b>     | GS VOLT      | REGIO           | A1      | 08 |    |     |     | TP  | 109 | 96  | 116 | 114 | 108 | 113 | 117 | 119 |
| 040000566737309 | <b>GS VAN GOGH</b>   | VANSTEIN     | HORWART         | A1      | 07 |    |     |     | TP  | 118 | 113 | 118 | 100 | 104 | 105 | 88  | 97  |
| 040000080420572 | <b>GS VANDOR</b>     | RANDY        | WEINOX          | A1, 17  | 03 |    |     |     | TP  | 126 | 123 | 106 | 104 | 109 | 88  | 101 | 103 |
| 040000598721814 | <b>GS VANT</b>       | VANSTEIN     | POLDI           | A1      | 07 |    |     |     | TP  | 115 | 108 | 104 | 116 | 102 | 108 | 94  | 110 |
| 040000403193118 | <b>GS VARIO</b>      | GS RUMGO     | RUREX *TA       | A1      | 11 |    |     |     | TP  | 138 | 126 | 108 | 129 | 104 | 99  | 104 | 98  |
| 040000839126172 | <b>GS VARIUS</b>     | RANDY        | GS MALF         | A1      | 03 |    |     |     | TP  | 103 | 103 | 102 | 99  | 93  | 100 | 102 | 102 |
| 040000379764647 | <b>GS VASTIC</b>     | RANDY        | GS MALF         | A1      | 02 |    | FH2 |     |     | 98  | 100 | 81  | 106 | 101 | 106 | 95  | 100 |
| 040000585421117 | <b>GS VENDETTA</b>   | GS VANDOR    | MANDL           | A1      | 09 |    |     |     | TP  | 124 | 124 | 110 | 97  | 109 | 93  | 96  | 94  |
| 040000404118118 | <b>GS VENEZIANO</b>  | GS RAWALF    | GS RAU          | A1, 17  | 10 |    | FH2 |     |     | 120 | 113 | 91  | 122 | 112 | 105 | 110 | 122 |
| 040000102300614 | <b>GS VERGIL</b>     | VANSTEIN     | ROMOR           | A1      | 07 |    |     |     | TP  | 115 | 101 | 112 | 120 | 107 | 109 | 93  | 120 |
| 040000807448517 | <b>GS VERITAS</b>    | GS RUMGO     | WARAN           | A1      | 10 |    | FH2 |     | TP  | 127 | 115 | 112 | 117 | 105 | 98  | 101 | 104 |
| 040000105264317 | <b>GS VERS</b>       | VANSTEIN     | MARTL-DE        | A1      | 08 |    |     | ZDL | TP  | 125 | 117 | 117 | 107 | 112 | 105 | 97  | 111 |
| 040000018355716 | <b>GS VERSACE</b>    | VANSTEIN     | WAL             | A1      | 08 |    |     |     | TP  | 116 | 119 | 100 | 97  | 105 | 115 | 98  | 107 |
| 040000260829316 | <b>GS VERSETTO</b>   | VAGABUND     | ROMWEIN         | A1, 17  | 08 |    |     |     | TP  | 122 | 124 | 88  | 108 | 111 | 87  | 95  | 116 |
| 040000122009918 | <b>GS VERSUS</b>     | GS RAWALF    | WATERBERG       | A1      | 10 |    | FH2 |     |     | 122 | 115 | 97  | 119 | 105 | 94  | 105 | 118 |
| 040000308287318 | <b>GS VETTEL</b>     | GS RUMGO     | WATERBERG       | A1      | 10 |    |     |     | TP  | 132 | 122 | 111 | 120 | 106 | 103 | 111 | 108 |
| 040000009931616 | <b>GS VICTOR</b>     | VANSTEIN     | GS WAX          | A1      | 08 |    |     |     | TPr | 128 | 120 | 115 | 112 | 106 | 110 | 95  | 96  |
| 040000292259814 | <b>GS VIENNA</b>     | VANSTEIN     | REPTEIT         | A1      | 07 |    |     |     | TP  | 119 | 108 | 120 | 110 | 100 | 102 | 102 | 106 |
| 040000009420522 | <b>GS VIGARO</b>     | GS VIKERSUND | RUMBA           | A1      | 12 |    |     |     | TP  | 144 | 131 | 108 | 133 | 110 | 117 | 106 | 115 |
| 040000928503817 | <b>GS VIKERSUND</b>  | GS RAWALF    | GS DIONIS       | A1, 17  | 09 |    | FH2 |     |     | 118 | 117 | 99  | 106 | 107 | 103 | 106 | 109 |
| 040000968315517 | <b>GS VILLACH</b>    | GS RUMGO     | WATERBERG       | A1      | 10 |    | FH2 |     |     | 127 | 117 | 101 | 127 | 91  | 94  | 112 | 104 |
| 040000961027545 | <b>GS VILLARZON</b>  | VANSTEIN     | ROMEL (A)       | A1      | 07 |    |     |     | TP? | 114 | 114 | 102 | 100 | 111 | 91  | 100 | 127 |
| 040000947512118 | <b>GS VINCE</b>      | GS RUMGO     | WAL             | A1      | 11 |    | FH2 |     |     | 138 | 122 | 107 | 135 | 108 | 105 | 107 | 102 |
| 040000392681347 | <b>GS VITRO</b>      | RANDY        | GS MOREIF       | A1      | 03 |    |     |     | TP  | 100 | 107 | 85  | 98  | 95  | 80  | 100 | 98  |
| 040000328266918 | <b>GS VIVO</b>       | GS VOTUM     | GS RUMDO        | A1      | 10 |    | FH2 |     |     | 125 | 119 | 105 | 115 | 105 | 109 | 94  | 100 |
| 040000876316117 | <b>GS VOGT</b>       | GS RUMGO     | HERICH          | A1, 17  | 10 |    | FH2 |     | TP  | 136 | 125 | 108 | 124 | 108 | 91  | 107 | 117 |
| 040000243057845 | <b>GS VOLKER</b>     | RANDY        | GS MALF         | A1      | 01 |    |     |     | TP  | 80  | 95  | 81  | 82  | 97  | 91  | 93  | 98  |
| 040000057189917 | <b>GS VOLLGAS</b>    | GS VANDOR    | WEBAL           | A1, 17  | 09 |    |     |     | TP  | 119 | 116 | 111 | 102 | 99  | 92  | 111 | 114 |
| 040000864504442 | <b>GS VOLT</b>       | RANDY        | ROMEN           | A1, 17  | 02 |    |     |     | TP  | 114 | 106 | 94  | 120 | 95  | 106 | 116 | 119 |
| 040000292246314 | <b>GS VOLVO</b>      | VANSTEIN     | REPTEIT         | A1      | 07 |    |     |     | TP? | 112 | 105 | 104 | 112 | 92  | 114 | 98  | 106 |
| 040000864496542 | <b>GS VORAN</b>      | RANDY        | WEINOX          | A1      | 01 |    |     |     | TP  | 84  | 98  | 79  | 87  | 105 | 98  | 93  | 100 |
| 040000603103114 | <b>GS VOTUM</b>      | VANSTEIN     | GS MALHAX       | A1      | 07 |    | FH2 |     |     | 121 | 118 | 105 | 108 | 110 | 100 | 95  | 115 |
| 040000389910447 | <b>GS VRED</b>       | RANDY        | RANGER RED      | A1      | 02 |    |     |     | TP  | 86  | 101 | 75  | 88  | 108 | 81  | 87  | 107 |
| 040000167805514 | <b>GS VREDESTEI</b>  | VANSTEIN     | RUMBA           | A1      | 07 |    |     |     | TP  | 120 | 114 | 117 | 104 | 93  | 93  | 102 | 110 |
| 040000461537709 | <b>GS VULVUS</b>     | VANSTEIN     | EIS *TA         | A1      | 06 |    |     |     | TP  | 122 | 107 | 111 | 122 | 98  | 107 | 97  | 119 |
| 040000271622717 | <b>GS VW</b>         | GS RUMGO     | HUTMANN         | A1      | 09 |    | FH2 |     |     | 127 | 132 | 95  | 103 | 101 | 101 | 98  | 106 |
| 040000711064718 | <b>GS WACKER</b>     | WAL          | GS ZOCKER *T/A1 | A1      | 11 |    |     |     | TP  | 132 | 120 | 114 | 124 | 100 | 103 | 113 | 102 |
| 040000271458934 | <b>GS WALBO</b>      | GS WAXIN     | RALBO           | A1      | 99 |    |     |     | TP  | 98  | 95  | 92  | 109 | 94  | 115 | 91  | 100 |
| 040000489308118 | <b>GS WALDGEIST</b>  | WALDBRAND    | WEINBERG        | A1      | 10 |    | FH2 |     |     | 125 | 115 | 107 | 120 | 108 | 116 | 104 | 105 |
| 040000209775309 | <b>GS WALDHORN</b>   | WEINOLD      | HERON           | A1      | 06 |    |     |     | TP  | 118 | 122 | 112 | 88  | 107 | 98  | 106 | 98  |
| 040000797455318 | <b>GS WALDSTEIN</b>  | WALDBRAND    | VANSTEIN        | A1      | 11 | DW | FH2 |     |     | 133 | 116 | 107 | 133 | 111 | 119 | 117 | 114 |
| 040000934175619 | <b>GS WALLIS</b>     | WALDBRAND    | GS RUMGO        | A1      | 12 |    | FH2 |     |     | 142 | 130 | 108 | 124 | 113 | 101 | 112 | 108 |
| 040000276441933 | <b>GS WAX</b>        | HORWEIN      | PAMAX           | A1, 17  | 93 |    |     |     | TP  | 104 | 87  | 115 | 121 | 107 | 115 | 100 | 114 |
| 040000671921942 | <b>GS WAXIMA</b>     | GS WAXIN     | GS MALF         | A1, 17  | 00 |    | FH2 |     |     | 85  | 88  | 77  | 108 | 101 | 110 | 91  | 101 |
| 040000271965519 | <b>GS WE CAN</b>     | WAL          | WALDBRAND       | A1, 17  | 11 |    |     |     | TP  | 129 | 122 | 94  | 125 | 108 | 104 | 108 | 114 |
| 040000670311842 | <b>GS WEILER</b>     | WEINOX       | LARRY           | A1      | 00 |    |     | ZDL |     | 91  | 97  | 110 | 81  | 100 | 94  | 80  | 96  |
| 040000874895211 | <b>GS WEIZEN</b>     | HORWEIN      | STREITL         | A1      | 98 |    |     | ZDL |     | 84  | 84  | 111 | 92  | 101 | 102 | 95  | 98  |
| 040000252708545 | <b>GS WELF</b>       | WEINOX       | GS MALF         | A1      | 00 |    | FH2 |     |     | 94  | 103 | 99  | 82  | 113 | 91  | 105 | 101 |
| 040000600441414 | <b>GS WIESEL</b>     | WICHTL       | REGIO           | A1, 17  | 07 |    |     |     | TP  | 106 | 108 | 110 | 94  | 116 | 102 | 117 | 112 |
| 040000592664219 | <b>GS WILDON</b>     | WALDBRAND    | VANSTEIN        | A1      | 12 |    |     | ZDL | TP  | 140 | 123 | 116 | 130 | 102 | 105 | 108 | 126 |
| 040000277795319 | <b>GS WOLFSBERG</b>  | WILLE        | GS RUMGO        | A1      | 12 | DW |     |     |     | 138 | 123 | 104 | 128 | 103 | 89  | 111 | 110 |
| 040000069496414 | <b>GS WOLFSBLUT</b>  | WINNIPEG     | -               | A1, 10  | 07 |    | FH2 |     |     | 122 | 115 | 93  | 123 | 102 | 95  | 105 | 95  |
| 040000300772318 | <b>GS WUNDERBA</b>   | WAL          | VANSTEIN        | A1      | 10 |    |     |     | TP  | 131 | 124 | 102 | 119 | 101 | 108 | 109 | 105 |
| 040000839457534 | <b>GS ZAM</b>        | ZASTER       | GS MALF         | A1      | 00 |    | FH2 |     |     | 92  | 103 | 98  | 79  | 103 | 96  | 111 | 96  |
| 040000411458314 | <b>GS ZAMBA</b>      | ZAHNER       | RUMBA           | A1      | 07 |    |     |     | TP  | 113 | 111 | 91  | 112 | 108 | 104 | 102 | 106 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                 | Vater     | MV        | Station    | J. | DW | FH2 | ZDL  | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------------|-----------|-----------|------------|----|----|-----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000459559133 | <b>GS ZARRO</b>      | ZAR       | GS MORAS  | A1, 17     | 97 |    |     | ZDL  |    | 88  | 98  | 100 | 81  | 103 | 93  | 96  | 93  |
| 040000095509633 | <b>GS ZERRIF</b>     | ZEUS      | SHERIF    | A1         | 91 |    | FH2 |      |    | 69  | 74  | 99  | 82  | 103 | 114 | 97  | 99  |
| 040000454585544 | <b>GURU</b>          | GUTRAM    | MENO      |            | 93 | DW |     |      |    | 63  | 71  | 112 | 73  | 104 | 119 | 98  | 74  |
| 040000193569144 | <b>GUTRAM</b>        | GOLD      | MANDO     |            | 85 | DW |     |      |    | 72  | 76  | 117 | 81  | 114 | 123 | 90  | 67  |
| 276000941183272 | <b>HABANA</b>        | HERICH    | REGIO     | 10, 16     | 06 |    |     | ZDL  |    | 110 | 106 | 105 | 104 | 103 | 99  | 103 | 106 |
| 040000496786272 | <b>HABICH</b>        | HIPPO     | SALUS     | Eu, A3     | 03 |    |     | ZDL  |    | 79  | 89  | 82  | 91  | 103 | 108 | 104 | 100 |
| 276000936661156 | <b>HABSBURG</b>      | HOCHTOR   | WEINOX    | Eu, A3, 6  | 02 |    | FH2 |      |    | 89  | 95  | 109 | 82  | 114 | 129 | 104 | 91  |
| 276000940777754 | <b>HACKL</b>         | HERICH    | RANDY     | A1, A7, 17 | 07 |    |     |      | TP | 109 | 117 | 87  | 95  | 95  | 87  | 107 | 99  |
| 276000944581562 | <b>HADERLOH</b>      | HADES     | STEGO     | Eu, 6      | 09 |    |     |      | TP | 117 | 105 | 102 | 123 | 102 | 104 | 103 | 112 |
| 276000940481840 | <b>HAGEDORN</b>      | HAGAT     | POSITIV   | Eu, 6      | 07 |    | FH2 |      |    | 101 | 88  | 104 | 121 | 109 | 109 | 104 | 119 |
| 276000941879641 | <b>HAGELUND</b>      | HAGAT     | REGIO     | Eu, 6      | 07 |    |     |      | TP | 117 | 106 | 114 | 118 | 113 | 116 | 109 | 111 |
| 276000662931423 | <b>HAHNENKAMM</b>    | HUTMANN   | RANDY     | Eu, A5     | 07 |    |     |      | TP | 93  | 109 | 90  | 75  | 106 | 86  | 101 | 91  |
| 040000047737116 | <b>HAIBURG</b>       | HUTMANN   | RESS      | Eu, A3     | 07 |    |     |      | TP | 102 | 113 | 103 | 76  | 101 | 90  | 101 | 97  |
| 276000937027211 | <b>HALBER</b>        | HOCHREP   | RALBIT    | Eu, 9      | 03 |    |     |      | TP | 104 | 109 | 112 | 84  | 95  | 122 | 98  | 93  |
| 276000941610455 | <b>HALLEY</b>        | HARVESTER | RENNER    | 10, 2, 16  | 07 |    |     |      | TP | 110 | 104 | 103 | 108 | 88  | 99  | 110 | 102 |
| 276000812507550 | <b>HANDY</b>         | HOSTRESS  | RANDY     | 27         | 03 |    |     |      | TP | 91  | 94  | 94  | 96  | 109 | 98  | 104 | 97  |
| 276000941696519 | <b>HANER</b>         | HUTMANN   | REMBRANDT | 17         | 07 |    |     |      | TP | 101 | 121 | 82  | 75  | 98  | 86  | 99  | 103 |
| 040000645486346 | <b>HANF</b>          | HAMIR     | PRIMANN   | Eu, A3     | 96 | DW |     |      |    | 90  | 75  | 111 | 119 | 87  | 115 | 91  | 70  |
| 040000149968716 | <b>HANIBAL</b>       | HUTMANN   | SAFIR     | Eu, A3, A8 | 07 |    |     |      | TP | 117 | 121 | 107 | 90  | 110 | 105 | 103 | 106 |
| 040000458160734 | <b>HARALF</b>        | GS HARRO  | GS MALF   | A1, A5, A3 | 00 |    | FH2 |      |    | 88  | 99  | 87  | 88  | 91  | 101 | 96  | 99  |
| 276000932718834 | <b>HARELLO</b>       | GS HARRO  | DIRELLO   | 17, A1     | 00 |    |     | ZDL? |    | 81  | 85  | 87  | 99  | 91  | 105 | 92  | 95  |
| 276000933102297 | <b>HARIBO</b>        | GS HARRO  | STRAMIN   | 17, 3      | 00 |    |     |      | TP | 86  | 80  | 92  | 112 | 86  | 86  | 82  | 101 |
| 040000211218545 | <b>HARLEKIN</b>      | WEINOX    | GS MALF   | A1, 10, 16 | 00 |    | FH2 |      |    | 107 | 100 | 102 | 112 | 103 | 107 | 111 | 111 |
| 276000941850114 | <b>HARRIS</b>        | HARVESTER | REGIO     | 3, 17      | 07 |    |     |      | TP | 107 | 110 | 88  | 104 | 94  | 83  | 110 | 108 |
| 040000457362672 | <b>HATEKO</b>        | HIPPO     | RENNER    | Eu, 6, A3  | 03 |    | FH2 |      | TP | 109 | 104 | 113 | 102 | 105 | 106 | 108 | 115 |
| 276000936549949 | <b>HATFELD</b>       | HIPPO     | REPORT    | Eu, 6      | 02 |    |     |      | TP | 97  | 94  | 96  | 107 | 93  | 116 | 95  | 98  |
| 276000937428529 | <b>HATZON</b>        | HATZ      | RADON     | Eu, 6, 3   | 03 |    |     |      | TP | 92  | 97  | 81  | 104 | 99  | 103 | 86  | 105 |
| 276000937491961 | <b>HAUDEGEN</b>      | HIPPO     | LOMBARD   | 10, 16     | 03 |    |     | ZDL  |    | 94  | 99  | 92  | 97  | 100 | 110 | 109 | 93  |
| 276000941183277 | <b>HAVANA CLUB</b>   | HERICH    | RANDY     | 17, A7, 3  | 06 |    |     |      | TP | 106 | 102 | 111 | 100 | 95  | 108 | 108 | 91  |
| 276000941887476 | <b>HAVARIST</b>      | HUTMANN   | STRALIST  | 10, 16     | 07 |    |     |      | TP | 112 | 111 | 114 | 93  | 97  | 106 | 90  | 100 |
| 276000942373894 | <b>HAWAI</b>         | HARVESTER | RALBIT    | Eu, A3, A8 | 07 |    |     |      | TP | 111 | 113 | 107 | 94  | 107 | 111 | 93  | 86  |
| 276000941610452 | <b>HEADHUNTER</b>    | HUTMANN   | ROMEN     | 10, 16     | 07 |    |     |      | TP | 103 | 114 | 82  | 89  | 99  | 100 | 91  | 108 |
| 276000940500652 | <b>HEBOS-AP PS</b>   | HERICH    | RALBOS    | Eu, 9, 6   | 06 |    |     | ZDL  |    | 98  | 96  | 102 | 101 | 87  | 105 | 105 | 87  |
| 276000940466617 | <b>HEDY *TA</b>      | HERICH    | RANDY     | Eu, 27     | 06 |    |     | ZDL  | TP | 119 | 122 | 88  | 105 | 99  | 86  | 107 | 105 |
| 276000940757302 | <b>HEFIZ</b>         | HERICH    | MALEFIZ   | 27         | 06 |    |     | ZDL  |    | 111 | 105 | 111 | 105 | 103 | 96  | 82  | 100 |
| 276000940471126 | <b>HEGEN</b>         | HERICH    | ROGEN     | Eu, 27, A5 | 06 |    |     | ZDL  |    | 103 | 100 | 109 | 98  | 97  | 102 | 109 | 95  |
| 276000940244152 | <b>HEGHORN Pp *1</b> | HAGEL Pp  | RALBO     | Eu, 6      | 06 |    |     |      | TP | 86  | 83  | 86  | 112 | 79  | 112 | 103 | 91  |
| 276000940988180 | <b>HELICON</b>       | HERICH    | HUCKI     | 2          | 06 |    |     | ZDL  | TP | 102 | 102 | 114 | 89  | 100 | 104 | 93  | 91  |
| 276000940653117 | <b>HELIOS *TA</b>    | HERICH    | MADERA    | A1, 2      | 06 |    |     | ZDL  |    | 115 | 110 | 121 | 99  | 112 | 94  | 105 | 106 |
| 040000965408109 | <b>HELIUM</b>        | HERICH    | REPULS    | Eu, A3     | 06 |    |     | ZDL  |    | 105 | 98  | 111 | 109 | 96  | 112 | 108 | 104 |
| 276000940822798 | <b>HENDEL</b>        | HERICH    | HOCHREP   | Eu, 6      | 06 |    | FH2 | ZDL  | TP | 106 | 104 | 98  | 105 | 113 | 112 | 110 | 111 |
| 276000813686846 | <b>HENMER</b>        | HERICH    | RENNMER   | Eu, 27     | 07 |    |     |      | TP | 99  | 101 | 106 | 91  | 112 | 97  | 108 | 101 |
| 040000662170714 | <b>HENNING</b>       | HERICH    | HOSTRESS  | A1, A7     | 06 |    |     | ZDL  |    | 103 | 108 | 89  | 99  | 99  | 84  | 102 | 110 |
| 276000935144001 | <b>HENNING</b>       | HENRY     | REPORT    | Eu, 6      | 01 |    |     |      | TP | 84  | 93  | 82  | 94  | 106 | 104 | 105 | 94  |
| 276000813473066 | <b>HENOM</b>         | HERICH    | RENOM     | Eu, 27     | 06 |    |     | ZDL  |    | 97  | 100 | 101 | 92  | 100 | 102 | 102 | 93  |
| 276000932368646 | <b>HERAKLION</b>     | GS HARRO  | PROPELLER | 10, 16     | 00 |    | FH2 |      |    | 77  | 81  | 95  | 92  | 103 | 94  | 89  | 92  |
| 276000813538247 | <b>HERAN</b>         | HERICH    | RANDY     | Eu, 27     | 07 |    |     | ZDL  |    | 106 | 103 | 102 | 106 | 96  | 93  | 96  | 89  |
| 276000941025067 | <b>HERAS</b>         | HERICH    | HIPPO     | 10         | 06 |    |     | ZDL  |    | 97  | 97  | 84  | 109 | 88  | 111 | 106 | 101 |
| 276000940653084 | <b>HERBST *TA</b>    | HERICH    | MADERA    | Eu, A3, A5 | 06 |    |     | ZDL  |    | 109 | 106 | 103 | 106 | 107 | 85  | 107 | 116 |
| 276000942331871 | <b>HERBSTFEST</b>    | HERICH    | HUMID     | 17         | 07 |    |     | ZDL  |    | 113 | 115 | 107 | 93  | 103 | 95  | 125 | 91  |
| 276000940092151 | <b>HERBSTLAUB</b>    | HULOCK    | RANDY     | A1, A7, 10 | 05 |    |     |      | TP | 97  | 99  | 93  | 102 | 97  | 104 | 109 | 103 |
| 040000870043834 | <b>HERET</b>         | HERON     | STREITL   | Eu, A3     | 99 |    |     | ZDL  |    | 88  | 92  | 92  | 96  | 103 | 101 | 86  | 95  |
| 276000934710674 | <b>HERI</b>          | HERIBERT  | RALBO     | Eu, 6      | 00 |    |     |      | TP | 103 | 104 | 91  | 105 | 98  | 113 | 99  | 99  |
| 040000671844642 | <b>HERICH</b>        | HERON     | GS STRICH | A1, A7, 10 | 99 |    |     | ZDL  |    | 114 | 111 | 108 | 104 | 104 | 95  | 111 | 104 |
| 040000449685172 | <b>HERKULES</b>      | HUMID     | MUFTI     | Eu, 6, A5  | 03 |    |     |      | TP | 99  | 95  | 95  | 111 | 97  | 90  | 107 | 102 |
| 040000672913242 | <b>HERMES</b>        | HUCKI     | DIRELLO   | A1, A3     | 00 |    |     | ZDL  |    | 96  | 106 | 105 | 79  | 102 | 113 | 101 | 85  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name              | Vater     | MV        | Station    | J. | DW | FH2 | ZDL  | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-------------------|-----------|-----------|------------|----|----|-----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000941106090 | <b>HERMEX *TA</b> | HERICH    | REITER    | 17, A1     | 07 |    |     | ZDL  |    | 114 | 109 | 93  | 116 | 101 | 102 | 98  | 106 |
| 276000940538701 | <b>HERNANDES</b>  | HERICH    | POLDI     | 10, A7     | 06 |    |     | ZDL  |    | 108 | 104 | 98  | 108 | 103 | 97  | 118 | 101 |
| 276000939495756 | <b>HERNOX</b>     | HERICH    | WEINOX    | 16, 10     | 06 |    |     | ZDL  |    | 112 | 111 | 103 | 104 | 111 | 83  | 110 | 109 |
| 276000941115399 | <b>HEROCK</b>     | HERICH    | ROCHEN    | 10         | 07 |    |     | ZDL  |    | 118 | 106 | 105 | 121 | 92  | 105 | 110 | 105 |
| 276000935877402 | <b>HERON</b>      | HENRY     | STEFFEN   | 16, 10     | 01 |    |     | ZDL? |    | 103 | 95  | 103 | 113 | 118 | 102 | 108 | 110 |
| 276000935235158 | <b>HEROS</b>      | HENRY     | REPORT    | 2          | 01 |    |     |      | TP | 82  | 76  | 100 | 109 | 111 | 119 | 106 | 90  |
| 276000941230541 | <b>HERRLICH</b>   | HERICH    | MALEFIZ   | Eu, 6      | 06 |    |     | ZDL  |    | 104 | 101 | 105 | 104 | 95  | 106 | 95  | 96  |
| 040000405961147 | <b>HERWIG</b>     | HERON     | SALUS     | Eu, A3, A1 | 02 |    |     | ZDL  |    | 105 | 102 | 103 | 106 | 99  | 110 | 91  | 88  |
| 276000941885778 | <b>HETEROSIS</b>  | HARVESTER | RANDY     | 10, 16     | 07 |    |     |      | TP | 106 | 105 | 99  | 103 | 97  | 114 | 94  | 103 |
| 276000941648808 | <b>HETTICH</b>    | HERICH    | RENTAR    | Eu, 9      | 06 |    |     | ZDL  |    | 106 | 104 | 105 | 103 | 100 | 91  | 109 | 103 |
| 276000940739820 | <b>HEXAL</b>      | HERICH    | RANDY     | 3, 17      | 06 |    |     |      | TP | 100 | 99  | 96  | 104 | 104 | 115 | 102 | 102 |
| 276000941809001 | <b>HEXER *TA</b>  | HERICH    | ROMEL (A) | 17, A1     | 07 |    |     | ZDL  |    | 108 | 110 | 91  | 106 | 108 | 96  | 113 | 114 |
| 040000085903216 | <b>HILMAR</b>     | HUTMANN   | PANO-ET   | Eu, A3     | 07 |    |     |      | TP | 115 | 119 | 99  | 97  | 86  | 107 | 93  | 107 |
| 276000934129571 | <b>HIMAG</b>      | HORWART   | RENNER    | Eu, 6, 9   | 00 |    |     |      | TP | 88  | 96  | 100 | 83  | 98  | 105 | 104 | 111 |
| 276000942322664 | <b>HIMMEL</b>     | HIRMER    | WATERBERG | Eu, 6      | 07 |    |     |      | TP | 121 | 107 | 114 | 121 | 97  | 126 | 112 | 110 |
| 276000941846007 | <b>HIMMELWEIT</b> | HIRMER    | MALIFT    | Eu, 6      | 07 |    | FH2 |      |    | 90  | 86  | 103 | 103 | 105 | 118 | 113 | 103 |
| 276000940657731 | <b>HIPP</b>       | HIPPO     | RANDY     | 3          | 06 |    |     |      | TP | 107 | 108 | 89  | 107 | 88  | 93  | 116 | 106 |
| 276000934260370 | <b>HIRELL</b>     | HORWART   | REPORT    | Eu, 6, 9   | 00 |    |     | ZDL  |    | 91  | 95  | 112 | 84  | 103 | 107 | 94  | 103 |
| 276000941083731 | <b>HIRLO</b>      | HERICH    | RANDY     | A1, A7, 17 | 06 |    |     | ZDL  |    | 101 | 107 | 101 | 93  | 87  | 98  | 94  | 101 |
| 040000547282172 | <b>HIRO</b>       | HUMID     | DIRKO     | Eu, A8     | 04 | DW |     |      |    | 111 | 98  | 122 | 111 | 103 | 102 | 101 | 96  |
| 276000933765546 | <b>HISTOR</b>     | HORWART   | GS MALF   | Eu, 6, 9   | 99 |    | FH2 |      |    | 87  | 98  | 103 | 75  | 111 | 95  | 105 | 101 |
| 276000936579983 | <b>HITZ</b>       | HIPPO     | WINZER    | Eu, 9, 6   | 02 |    |     |      | TP | 94  | 91  | 87  | 114 | 90  | 104 | 106 | 109 |
| 276000939983801 | <b>HITZKOPF</b>   | HIRMER    | BOSS      | 10, 16     | 06 |    |     | ZDL  |    | 110 | 107 | 94  | 108 | 103 | 103 | 106 | 109 |
| 276000943163470 | <b>HITZLER</b>    | HARVESTER | SAMPRAS   | 10, 16     | 08 |    |     |      | TP | 118 | 112 | 102 | 115 | 105 | 93  | 111 | 108 |
| 276000933866300 | <b>HOBBY</b>      | HORB      | GS MALF   | 2          | 00 |    | FH2 |      |    | 84  | 83  | 123 | 84  | 117 | 115 | 93  | 99  |
| 040000631341814 | <b>HOBEL</b>      | HUTMANN   | MALINT    | Eu, A3     | 07 |    |     |      | TP | 115 | 118 | 102 | 96  | 116 | 114 | 105 | 97  |
| 276000917237782 | <b>HOCHLAND</b>   | HODACH    | STREITL   | 10, 16     | 96 |    |     |      | TP | 68  | 77  | 101 | 78  | 101 | 114 | 86  | 90  |
| 276000937418040 | <b>HOCHMEER</b>   | HOCHTOR   | RENNMER   | Eu, 6      | 03 |    | FH2 |      |    | 95  | 97  | 92  | 102 | 103 | 114 | 96  | 93  |
| 276000915193492 | <b>HOCHREP</b>    | HODACH    | REPORT    | 3          | 96 |    |     |      | TP | 100 | 101 | 99  | 99  | 98  | 114 | 97  | 92  |
| 276000936004576 | <b>HOCHRITT</b>   | HOCHREP   | ROMEN     | 3          | 03 |    |     |      | TP | 103 | 98  | 111 | 102 | 91  | 118 | 94  | 98  |
| 276000937250661 | <b>HODBUS</b>     | HODWEIN   | LOTUS     | Eu, 6      | 03 |    |     |      | TP | 88  | 93  | 96  | 89  | 102 | 117 | 100 | 96  |
| 276000936263732 | <b>HODSO</b>      | HODSON    | WEINOX    | 10         | 02 |    |     |      | TP | 94  | 97  | 91  | 100 | 114 | 98  | 109 | 108 |
| 276000936313988 | <b>HODSOR</b>     | HODSON    | RALBO     | 10         | 02 |    |     |      | TP | 84  | 85  | 98  | 96  | 103 | 122 | 100 | 100 |
| 276000940600164 | <b>HOFGAST</b>    | HOFHERR   | WINZER    | 2          | 05 |    |     |      | TP | 91  | 93  | 87  | 103 | 97  | 119 | 99  | 117 |
| 276000940108361 | <b>HOFMEISTER</b> | HOFHERR   | GS MALHAX | 17, A7     | 06 |    | FH2 |      |    | 96  | 99  | 110 | 88  | 90  | 110 | 104 | 109 |
| 276000941684209 | <b>HOFOLDING</b>  | HOFBERG   | WINNIPEG  | 10, 16     | 07 |    | FH2 |      |    | 106 | 95  | 103 | 118 | 100 | 114 | 112 | 110 |
| 276000934697987 | <b>HOFSTAAT</b>   | HOFRAT    | RALBO     | 10, 2, 16  | 01 |    |     |      | TP | 112 | 103 | 104 | 113 | 97  | 111 | 99  | 97  |
| 276000942270404 | <b>HOKAAI</b>     | HAGAT     | RANDY     | 10, AV, 16 | 07 |    |     |      | TP | 108 | 97  | 90  | 130 | 93  | 98  | 103 | 104 |
| 276000940228537 | <b>HOLA</b>       | HERICH    | ROBERT    | 17, A7     | 06 |    |     | ZDL  |    | 116 | 109 | 110 | 110 | 102 | 91  | 100 | 104 |
| 276000933829877 | <b>HOLBACH</b>    | HORMOLL   | REPORT    | Eu, 6      | 00 |    |     |      | TP | 68  | 81  | 90  | 78  | 112 | 113 | 104 | 90  |
| 040000503535844 | <b>HOLD</b>       | HORES     | HANNES    |            | 94 | DW |     |      |    | 79  | 74  | 103 | 102 | 97  | 105 | 95  | 80  |
| 276000940858738 | <b>HOMBRERO</b>   | HUTMANN   | REGIO     | 10, 16     | 07 |    |     |      | TP | 94  | 99  | 87  | 97  | 99  | 116 | 98  | 106 |
| 276000931042669 | <b>HONALF</b>     | HONER     | GS MALF   | Eu, 6, 9   | 98 |    | FH2 |      |    | 108 | 97  | 122 | 106 | 106 | 122 | 108 | 101 |
| 276000932626579 | <b>HONORI</b>     | HONER     | REPORT    | 3, 6       | 99 |    |     |      | TP | 113 | 99  | 115 | 116 | 86  | 123 | 113 | 105 |
| 276000914863883 | <b>HONZELL</b>    | HORB      | ZEUS      | Eu, 6      | 92 |    | FH2 |      |    | 93  | 91  | 109 | 98  | 90  | 99  | 101 | 93  |
| 276000932322216 | <b>HONZUG</b>     | HONZELL   | STREITL   | Eu, 6      | 99 |    | FH2 |      |    | 92  | 79  | 107 | 117 | 102 | 111 | 94  | 95  |
| 276000933343163 | <b>HOOKER</b>     | HOFER     | HUMBERG   | 10, 16     | 99 | DW |     |      |    | 92  | 86  | 109 | 104 | 92  | 123 | 106 | 97  |
| 040000700474134 | <b>HOPAL</b>      | HOLGER    | PALERMO   | Eu, A3     | 99 | DW |     |      |    | 89  | 90  | 90  | 102 | 105 | 112 | 104 | 100 |
| 276000814068973 | <b>HOPEUS</b>     | HOCHKOGL  | REPEUS    | Eu, 27     | 08 |    |     |      | TP | 108 | 111 | 95  | 100 | 101 | 99  | 96  | 106 |
| 040000184148942 | <b>HORAK</b>      | HORWART   | PRIMUS    | Eu, A3     | 00 | DW |     |      |    | 92  | 95  | 105 | 91  | 103 | 112 | 108 | 94  |
| 276000939671356 | <b>HORATIO</b>    | HOFHERR   | GS MALHAX | 10, A7, 16 | 05 |    |     |      | TP | 100 | 93  | 117 | 100 | 99  | 83  | 107 | 118 |
| 276000941788106 | <b>HOREM</b>      | HERICH    | HALALI    | 17         | 07 |    |     | ZDL  |    | 106 | 101 | 90  | 117 | 95  | 97  | 110 | 115 |
| 276000811446775 | <b>HOREP</b>      | HORWART   | REPORT    | 27         | 00 |    |     |      | TP | 82  | 91  | 98  | 84  | 107 | 114 | 94  | 98  |
| 040000617784445 | <b>HORITO</b>     | HERON     | GS MALF   | A1, A3, A5 | 01 |    | FH2 |      |    | 115 | 107 | 103 | 115 | 107 | 104 | 110 | 114 |
| 276000940467746 | <b>HORIZONT</b>   | HUCKEL    | RALBIT    | Eu, 6      | 06 |    | FH2 |      | TP | 97  | 96  | 90  | 110 | 103 | 104 | 101 | 116 |
| 276000811779362 | <b>HORLEMON</b>   | HORWART   | HORRDER   | 27         | 00 | DW |     |      |    | 89  | 94  | 84  | 97  | 106 | 114 | 115 | 110 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name         | Vater      | MV          | Station    | J. | DW | FH2 | ZDL  | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|--------------|------------|-------------|------------|----|----|-----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000810816304 | HORLOT       | HORB       | LOTUS       | 27         | 98 |    |     | ZDL? |    | 88  | 89  | 101 | 95  | 93  | 102 | 93  | 94  |
| 276000934030891 | HORMEN       | HORWART    | ROMEN       | 17, A1, A7 | 99 |    | FH2 |      |    | 101 | 97  | 93  | 113 | 97  | 98  | 104 | 121 |
| 276000935728745 | HORMUT       | HORMOLL    | UTNACH      | Eu, 6, 9   | 01 |    |     |      | TP | 96  | 103 | 89  | 94  | 105 | 99  | 113 | 100 |
| 276000912164697 | HORN         | HORB       | RENNER      | 10         | 93 |    |     |      | TP | 84  | 81  | 104 | 99  | 89  | 99  | 102 | 105 |
| 276000933221475 | HORPO        | HORWART    | REPORT      | 10         | 00 |    | FH2 |      |    | 83  | 94  | 87  | 86  | 105 | 107 | 108 | 104 |
| 276000933765571 | HORPON       | HORWART    | GS MALF     | 3, 6       | 00 |    | FH2 |      |    | 85  | 90  | 101 | 88  | 113 | 99  | 107 | 117 |
| 276000932110016 | HORRA        | HORWART    | RAMBO       | Eu, 9      | 99 |    |     |      | TP | 90  | 88  | 103 | 101 | 93  | 109 | 92  | 96  |
| 040000225508342 | HORWELL      | HORWART    | MORWEL      | Eu, A5     | 00 | DW |     |      |    | 79  | 80  | 92  | 99  | 99  | 115 | 104 | 100 |
| 276000933654736 | HORWEPO      | HORWART    | REPORT      | 27         | 99 |    |     |      | TP | 88  | 87  | 101 | 97  | 104 | 106 | 104 | 102 |
| 276000938669677 | HOSANNA      | HODAP      | STROVANNA   | Eu, 9      | 04 |    |     | ZDL  |    | 88  | 93  | 95  | 91  | 102 | 115 | 97  | 92  |
| 276000937083953 | HOSTRA       | HOSTRESS   | SAMURAI     | Eu, 6, A5  | 03 |    |     |      | TP | 104 | 106 | 98  | 98  | 95  | 102 | 115 | 81  |
| 276000811513175 | HOTAN        | HORWART    | REPORT      | 27         | 00 |    |     |      | TP | 82  | 80  | 92  | 106 | 90  | 113 | 99  | 104 |
| 276000936383297 | HOTREICH     | HIPPO      | ZASTER      | Eu, 6      | 03 |    | FH2 |      |    | 90  | 105 | 85  | 83  | 105 | 110 | 108 | 100 |
| 276000941967198 | HUBER        | HUTMANN    | HENRY       | Eu, A3, A5 | 07 |    |     |      | TP | 101 | 107 | 93  | 94  | 94  | 113 | 101 | 106 |
| 040000685301842 | HUBERT       | HORWART    | HALLING     | Eu, A3     | 00 | DW |     |      |    | 94  | 94  | 118 | 89  | 99  | 123 | 104 | 97  |
| 276000933420606 | HUCKEL       | HUCKI      | HORB        | Eu, 6      | 99 |    | FH2 |      |    | 103 | 99  | 89  | 114 | 103 | 104 | 106 | 107 |
| 276000939220296 | HUCKROM (A)  | HUCKEL     | ROMEL (A)   | Eu, 6      | 05 |    | FH2 |      |    | 108 | 106 | 82  | 115 | 99  | 90  | 108 | 105 |
| 276000940157855 | HUCKUNG (A)  | HUCKEL     | ROMEL (A)   | Eu, 6, 9   | 05 |    | FH2 |      |    | 103 | 97  | 96  | 112 | 109 | 99  | 105 | 103 |
| 040000551519145 | HUDI         | HUMLANG    | GS RUMSI    | A1, A7, 10 | 01 | DW |     |      |    | 92  | 87  | 105 | 106 | 97  | 111 | 101 | 97  |
| 276000940436285 | HUDLER       | HUCKEL     | RANDY       | 2          | 05 |    | FH2 |      |    | 120 | 112 | 103 | 116 | 114 | 96  | 97  | 116 |
| 276000940092171 | HUDSON       | HUCKEL     | RANDY       | 2          | 05 |    |     |      | TP | 106 | 103 | 91  | 113 | 107 | 88  | 104 | 107 |
| 040000490547109 | HUDSON       | HUCKEL     | STRELLER    | A1, A7, 17 | 06 |    | FH2 |      |    | 86  | 91  | 87  | 98  | 97  | 107 | 104 | 103 |
| 276000942163853 | HUDSON BAY   | HUTMANN    | REITER      | 10, AV, 16 | 07 |    |     | ZDL  | TP | 104 | 103 | 100 | 102 | 101 | 106 | 90  | 110 |
| 276000932108680 | HUFEIL       | HUCKI      | EIFEL       | Eu, 6      | 99 |    |     |      | TP | 87  | 103 | 90  | 74  | 104 | 114 | 104 | 94  |
| 276000939948859 | HUIBUH       | HUMID      | MANDL       | 10, A7, 16 | 05 |    |     |      | TP | 112 | 97  | 112 | 118 | 97  | 104 | 95  | 109 |
| 040000369285547 | HUMALF       | HUMLANG    | GS MALF     | A1, A3, A5 | 01 |    | FH2 |      |    | 97  | 96  | 107 | 97  | 114 | 109 | 99  | 99  |
| 276000941637925 | HUMATI       | HUMAT      | MANDL       | 10         | 07 |    |     |      | TP | 103 | 93  | 105 | 115 | 95  | 106 | 103 | 109 |
| 040000339723214 | HUMBA        | HUTMANN    | RUMBA       | A1, 10     | 07 |    | FH2 |      | TP | 96  | 96  | 105 | 94  | 97  | 114 | 94  | 117 |
| 276000941701342 | HUMBA        | HUTMANN    | HIPPO       | 2          | 07 |    |     |      | TP | 91  | 95  | 105 | 88  | 102 | 109 | 97  | 102 |
| 276000940092161 | HUMBOLDT     | HUCKEL     | RANDY       | Eu, 6, A3  | 05 |    | FH2 |      | TP | 112 | 114 | 90  | 104 | 89  | 94  | 108 | 112 |
| 276000937358961 | HUMBURG      | HUMID      | RANDY       | 2          | 03 |    |     |      | TP | 113 | 100 | 99  | 126 | 98  | 114 | 94  | 108 |
| 040000583732745 | HUMOR        | HUMLANG    | REPORT      | Eu, A3, A1 | 01 |    |     |      | TP | 93  | 93  | 99  | 101 | 99  | 100 | 116 | 105 |
| 276000941300678 | HUMPBAC      | HUTMANN    | SAMURAI     | 10, 16     | 07 |    |     |      | TP | 112 | 107 | 131 | 88  | 121 | 113 | 87  | 116 |
| 276000934966731 | HUMRIST      | HUMLANG    | REDER       | Eu, 9, 3   | 01 |    |     |      | TP | 104 | 103 | 101 | 101 | 99  | 94  | 107 | 105 |
| 276000941721910 | HUMTUM       | HUMAT      | WATERBERG   | Eu, 6      | 08 |    |     |      | TP | 92  | 97  | 95  | 94  | 100 | 106 | 96  | 80  |
| 276000941312392 | HUNDLING     | HUTMANN    | GS MALF     | 10, 2, 16  | 07 |    |     |      | TP | 118 | 121 | 103 | 93  | 120 | 103 | 105 | 104 |
| 276000941299406 | HUNDSRUCK    | HUCKEL     | RANDY       | Eu, 6      | 06 |    | FH2 |      |    | 101 | 99  | 87  | 112 | 108 | 103 | 106 | 110 |
| 040000632061214 | HUNTER       | HUTMANN    | STRELLER    | Eu, A3, A5 | 07 |    |     |      | TP | 101 | 112 | 93  | 86  | 98  | 99  | 99  | 100 |
| 040000812935307 | HUPAN        | HUMID      | PANZER      | 10, 16     | 04 | DW |     |      |    | 96  | 89  | 114 | 103 | 106 | 109 | 103 | 95  |
| 276000936707362 | HUPORT       | HUMID      | REPORT      | Eu, 6, 3   | 02 |    |     |      | TP | 91  | 90  | 106 | 98  | 98  | 111 | 98  | 83  |
| 276000937064879 | HUPRAND      | HUMID      | RANDY       | Eu, 6      | 03 |    |     |      | TP | 99  | 105 | 92  | 95  | 120 | 99  | 97  | 108 |
| 276000937824240 | HUPROCK      | HUMID      | PROLAN      | Eu, 6, 9   | 04 |    |     |      | TP | 91  | 98  | 94  | 93  | 96  | 101 | 94  | 113 |
| 276000941721706 | HURACAN      | HUTMANN    | GS DIONIS   | 10         | 07 |    |     |      | TP | 87  | 97  | 105 | 78  | 107 | 100 | 98  | 102 |
| 276000941627867 | HURANDY      | HUTMANN    | RANDY       | Eu, 27     | 07 |    |     |      | TP | 102 | 110 | 91  | 91  | 116 | 113 | 93  | 102 |
| 276000946527092 | HURRICAN *TA | HULKOR *TA | WINNIPEG    | Eu, 6, A3  | 11 |    | FH2 |      |    | 141 | 128 | 116 | 122 | 113 | 118 | 114 | 118 |
| 276000941856688 | HURTOX       | HUTMANN    | POLDI       | 3          | 07 |    |     |      | TP | 97  | 104 | 108 | 81  | 103 | 108 | 107 | 91  |
| 040000522372514 | HUSAR        | HUTMANN    | REGIO       | Eu, A3     | 07 |    |     |      | TP | 104 | 106 | 98  | 94  | 116 | 109 | 110 | 112 |
| 276000940092158 | HUSSERL      | HUCKEL     | REEF        | Eu, 6      | 05 |    |     |      | TP | 106 | 103 | 90  | 113 | 87  | 99  | 109 | 103 |
| 276000813717723 | HUTARRY      | HUTMANN    | LOTARRY     | Eu, 27     | 07 |    |     |      | TP | 98  | 101 | 106 | 89  | 101 | 112 | 90  | 110 |
| 276000661814314 | HUTBUB       | HUTNER     | REFFEL      | 3, 17      | 02 |    |     |      | TP | 90  | 89  | 109 | 95  | 112 | 93  | 99  | 101 |
| 276000941592639 | HUTEDER      | HUTMANN    | WATERBERG   | 10         | 07 |    |     |      | TP | 91  | 105 | 85  | 81  | 104 | 99  | 93  | 108 |
| 276000941856683 | HUTGRAF      | HUTMANN    | ENGADIN *TA | 17, A1, A7 | 07 |    | FH2 |      |    | 104 | 99  | 117 | 96  | 106 | 123 | 95  | 102 |
| 276000941895770 | HUTI         | HUTMANN    | POLDI       | Eu, 9, 6   | 07 |    |     |      | TP | 97  | 107 | 101 | 77  | 100 | 117 | 103 | 92  |
| 276000941592637 | HUTLAND      | HUTMANN    | WATERBERG   | 2          | 07 |    |     |      | TP | 97  | 106 | 94  | 86  | 97  | 99  | 101 | 101 |
| 276000813884674 | HUTMANDY     | HUTMANN    | RANDY       | Eu, 27     | 07 |    |     |      | TP | 112 | 124 | 104 | 78  | 103 | 104 | 84  | 109 |
| 276000935247786 | HUTMANN      | HUTNER     | HODACH      | 2, AV, 10  | 01 |    |     |      | TP | 99  | 112 | 101 | 78  | 109 | 102 | 96  | 110 |

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| Nummer          | Name         | Vater    | MV          | Station    | J. | DW | FH2 | ZDL | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|--------------|----------|-------------|------------|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000813864635 | HUTMO        | HUTMANN  | MORROR      | Eu, 27     | 07 |    |     |     | TP | 96  | 101 | 103 | 87  | 108 | 103 | 90  | 114 |
| 276000915072233 | HUTNER       | HUT      | RENNER      | Eu, 6      | 94 |    |     |     | TP | 82  | 92  | 102 | 76  | 104 | 101 | 102 | 98  |
| 276000942232587 | HUTRAND      | HUTMANN  | RANDY       | 16, 10     | 07 |    |     |     | TP | 106 | 114 | 106 | 82  | 103 | 109 | 87  | 115 |
| 276000941815947 | HUTSCHEN     | HUTMANN  | POLDI       | Eu, 6, 9   | 07 |    |     |     | TP | 114 | 119 | 105 | 90  | 109 | 92  | 97  | 96  |
| 276000941212297 | HUTZEL *TA   | HUTMANN  | ROMEL (A)   | 3          | 07 |    |     |     | TP | 105 | 113 | 103 | 81  | 105 | 87  | 90  | 100 |
| 276000931544703 | HUXER        | HUX      | RALBO       | Eu, 6      | 98 |    | FH2 |     | TP | 104 | 91  | 104 | 121 | 103 | 112 | 110 | 88  |
| 040000149967616 | HYDRO        | HUTMANN  | SAFIR       | A1, 10     | 07 |    |     |     | TP | 109 | 125 | 106 | 68  | 106 | 86  | 96  | 86  |
| 276000942407947 | HÜTER *TA    | HUTMANN  | RALBIT      | Eu, 6      | 07 |    |     |     | TP | 105 | 109 | 105 | 89  | 125 | 103 | 82  | 114 |
| 276000815273888 | IBA          | IWINN    | MANITOBA    | Eu, 27     | 12 |    |     |     | TP | 137 | 123 | 114 | 120 | 108 | 104 | 106 | 124 |
| 276000944129741 | IBERER *TA   | IMO      | RUAP        | 10, 16     | 09 |    |     |     | TP | 128 | 114 | 119 | 118 | 99  | 105 | 117 | 103 |
| 276000937480868 | IBITZ        | REGIO    | HORB        | 3          | 03 |    |     |     | TP | 102 | 101 | 82  | 112 | 104 | 102 | 105 | 113 |
| 276000935388460 | IBO          | REGIO    | BOIS LE VIN | 16, 10     | 02 |    |     |     | TP | 103 | 101 | 118 | 91  | 111 | 111 | 98  | 109 |
| 276000944094491 | IBONDI       | RENWART  | HUMID       | Eu, 6, 9   | 10 |    | FH2 |     |    | 116 | 114 | 110 | 103 | 91  | 110 | 110 | 105 |
| 276000944367770 | IBSTEIN      | RENWART  | WAL         | Eu, 6, 9   | 09 |    |     |     | TP | 123 | 122 | 111 | 100 | 95  | 101 | 97  | 94  |
| 276000945114706 | IBU          | RESOLUT  | REITER      | 17         | 10 |    |     | ZDL |    | 128 | 122 | 105 | 115 | 97  | 100 | 100 | 120 |
| 276000944257668 | ICELAND *TA  | IMO      | WATERBERG   | 10, 2, 16  | 09 |    |     |     | TP | 111 | 107 | 110 | 102 | 99  | 101 | 109 | 105 |
| 276000936366898 | ICON         | REGIO    | STRALIST    | 3          | 02 |    |     |     | TP | 107 | 102 | 119 | 99  | 110 | 103 | 96  | 105 |
| 276000661998281 | IDAHO        | REGIO    | CANTADOU    | Eu, 26, 6  | 03 |    |     |     | TP | 100 | 102 | 88  | 108 | 96  | 94  | 100 | 118 |
| 276000936990219 | IDEALIST     | REGIO    | GS MALF     | 2, 10      | 02 |    |     |     | TP | 102 | 102 | 119 | 87  | 116 | 110 | 98  | 102 |
| 040000614598572 | IDEALO       | REGIO    | RALBO       | A1, A7, 17 | 03 |    |     |     | TP | 113 | 104 | 104 | 117 | 106 | 113 | 99  | 93  |
| 276000943785932 | IDOL         | RESOLUT  | MALEFIZ     | 16, 10     | 09 |    |     |     | TP | 126 | 121 | 113 | 106 | 104 | 121 | 100 | 103 |
| 276000936732947 | IDOL         | REGIO    | HORWART     | 2, 10      | 02 |    |     |     | TP | 94  | 90  | 114 | 95  | 112 | 117 | 109 | 98  |
| 276000936575551 | IDU          | REGIO    | SAMURAI     | 10, 16     | 02 |    |     |     | TP | 91  | 103 | 110 | 73  | 99  | 107 | 99  | 100 |
| 276000943739666 | IDYLLISCH    | IDIOM    | RUAP        | Eu, 6      | 09 |    |     |     | TP | 108 | 101 | 103 | 113 | 110 | 92  | 98  | 120 |
| 276000812450052 | IFRAT        | REGIO    | HOFRAT      | Eu, 27     | 02 |    |     |     | TP | 110 | 108 | 94  | 109 | 99  | 86  | 124 | 109 |
| 276000943699459 | IGLO         | RESOLUT  | HUMID       | 16, 10     | 09 |    |     |     | TP | 118 | 112 | 110 | 107 | 110 | 106 | 103 | 100 |
| 276000943827150 | IGLU         | IMO      | WEINOLD     | Eu, 9, 6   | 09 |    |     |     | TP | 112 | 108 | 107 | 107 | 91  | 106 | 105 | 94  |
| 276000938615968 | IGNAZ *TA    | REGIO    | ROMEL (A)   | 3, 17      | 04 |    |     |     | TP | 107 | 101 | 107 | 110 | 101 | 115 | 116 | 109 |
| 276000662199815 | IGNO         | REGIO    | RANDY       | 3, 17      | 03 |    |     |     | TP | 104 | 111 | 87  | 98  | 100 | 94  | 93  | 104 |
| 276000936634518 | IGO          | REGIO    | STEGO       | 10         | 03 |    |     |     | TP | 111 | 101 | 122 | 106 | 110 | 110 | 99  | 110 |
| 276000812410859 | IKU          | REGIO    | ROMEN       | Eu, 27, A5 | 02 |    |     |     | TP | 99  | 105 | 96  | 94  | 96  | 94  | 108 | 103 |
| 276000944959872 | ILIG         | RESOLUT  | EILIG *TA   | Eu, 9      | 09 |    |     |     | TP | 124 | 119 | 114 | 105 | 101 | 111 | 89  | 97  |
| 276000943262768 | ILIX         | ILION    | MORROR      | 3, 17      | 08 |    | FH2 |     |    | 119 | 110 | 105 | 114 | 100 | 95  | 107 | 121 |
| 276000935753780 | ILO          | REGIO    | ROLO        | 10, 9      | 02 |    |     |     | TP | 112 | 114 | 113 | 89  | 103 | 92  | 99  | 97  |
| 276000663597813 | ILWIS        | RESOLUT  | POLDI       | Eu, 26, 6  | 10 |    |     |     | TP | 127 | 121 | 107 | 112 | 104 | 88  | 106 | 101 |
| 276000937169727 | IMAGO        | REGIO    | MORTEN      | 10, 16     | 02 |    |     |     | TP | 107 | 105 | 114 | 96  | 120 | 116 | 100 | 112 |
| 276000943785103 | IMAN         | IMO      | RANDY       | 17         | 09 |    |     |     | TP | 120 | 118 | 108 | 104 | 96  | 87  | 116 | 98  |
| 276000974570857 | IMANDL       | IMPOSIUM | MANDL       | Eu, 27     | 08 |    | FH2 |     |    | 108 | 110 | 96  | 99  | 84  | 97  | 102 | 105 |
| 276000944844902 | IMANIT       | RESOLUT  | MANIT       | Eu, 9      | 10 |    |     |     | TP | 127 | 121 | 110 | 113 | 86  | 101 | 100 | 100 |
| 276000974566039 | IMAX         | IMPOSIUM | VANSTEIN    | A1, 17     | 08 |    |     |     | TP | 119 | 120 | 98  | 106 | 99  | 107 | 113 | 100 |
| 276000814193316 | IMBA         | IMO      | RUMBA       | Eu, 27, A5 | 09 |    |     |     | TP | 121 | 116 | 105 | 110 | 114 | 98  | 116 | 110 |
| 276000974597811 | IMBOSCI      | IMPOSIUM | WINNIPEG    | 3, 17      | 10 |    | FH2 |     |    | 124 | 123 | 89  | 113 | 96  | 92  | 96  | 104 |
| 276000943326495 | IMIR         | IMO      | SAFIR       | Eu, 9, 6   | 09 |    |     |     | TP | 121 | 113 | 111 | 113 | 109 | 114 | 103 | 99  |
| 276000937039985 | IMITAT       | REGIO    | RALBO       | Eu, 6      | 02 |    |     |     | TP | 104 | 96  | 114 | 105 | 88  | 126 | 101 | 108 |
| 040000900385617 | IMMENHOF *TA | RETRAKT  | MANDELA     | 10, AV, 16 | 09 |    |     |     | TP | 119 | 114 | 94  | 116 | 88  | 93  | 115 | 109 |
| 276000943316112 | IMMER        | IMPOSIUM | HUMID       | 3, 6       | 08 |    |     |     | TP | 123 | 119 | 93  | 120 | 96  | 104 | 97  | 106 |
| 276000935844146 | IMO          | REGIO    | HONER       | 10, A1, A7 | 02 |    |     |     | TP | 121 | 114 | 114 | 106 | 111 | 103 | 114 | 102 |
| 276000814364733 | IMOID        | IMO      | HUMID       | 27         | 09 |    |     |     | TP | 111 | 102 | 119 | 105 | 108 | 112 | 114 | 101 |
| 276000814513796 | IMONIS       | IMO      | GS DIONIS   | Eu, 27     | 10 |    |     |     | TP | 126 | 113 | 123 | 113 | 115 | 108 | 108 | 104 |
| 276000814527852 | IMORESS      | IMO      | HOSTRESS    | 27         | 10 |    |     |     | TP | 123 | 119 | 107 | 106 | 98  | 105 | 107 | 102 |
| 276000935844144 | IMPALA       | REGIO    | HODACH      | Eu, 6      | 02 |    |     |     | TP | 112 | 108 | 100 | 110 | 105 | 98  | 103 | 98  |
| 276000814290552 | IMPEG        | IMO      | WINNIPEG    | Eu, 27     | 09 |    | FH2 |     |    | 124 | 122 | 105 | 108 | 109 | 92  | 111 | 93  |
| 276000943014818 | IMPERATIV    | IMPOSIUM | WINNIPEG    | Eu, 6, A5  | 08 |    | FH2 |     |    | 129 | 122 | 100 | 123 | 96  | 104 | 101 | 99  |
| 276000945689599 | IMPERIUS     | RESOLUT  | MANDELA     | 2          | 11 |    |     |     | TP | 134 | 129 | 106 | 115 | 97  | 96  | 108 | 106 |
| 276000934826393 | IMPORIO      | IMPOSIUM | WINNIPEG    | Eu, 6, A5  | 09 |    | FH2 |     |    | 127 | 121 | 103 | 113 | 105 | 98  | 96  | 103 |
| 276000936075702 | IMPORT       | REGIO    | LOMBARD     | Eu, 6      | 02 |    |     |     | TP | 114 | 118 | 101 | 94  | 119 | 116 | 108 | 85  |

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ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                 | Vater     | MV          | Station    | J. | DW        | FH2        | ZDL | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------------|-----------|-------------|------------|----|-----------|------------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000974587806 | <b>IMPORTANT *TA</b> | IMPORT    | ROMEL (A)   | Eu, 6      | 09 |           |            |     | TP | 116 | 117 | 103 | 96  | 121 | 103 | 102 | 95  |
| 276000936764335 | <b>IMPOSANT</b>      | REGIO     | ROMEN       | Eu, 6      | 02 |           |            |     | TP | 99  | 102 | 98  | 97  | 96  | 108 | 109 | 102 |
| 276000939774038 | <b>IMPRESARIO</b>    | IMPORT    | VANSTEIN    | Eu, 6      | 10 |           |            |     | TP | 124 | 120 | 101 | 111 | 96  | 117 | 106 | 106 |
| 276000936579338 | <b>IMPRESS</b>       | REGIO     | HUPRAD      | Eu, 6      | 02 |           |            |     | TP | 104 | 110 | 108 | 87  | 99  | 104 | 95  | 101 |
| 276000936294685 | <b>IMPRO</b>         | REGIO     | ROMEN       | Eu, A3, 6  | 02 |           |            |     | TP | 116 | 101 | 107 | 125 | 80  | 118 | 109 | 116 |
| 276000936983379 | <b>IMPROVER</b>      | REGIO     | ZAR         | 10, 16     | 03 |           |            |     | TP | 106 | 107 | 105 | 97  | 107 | 104 | 99  | 107 |
| 276000937075989 | <b>IMRICH</b>        | REGIO     | MORROR      | Eu, 6      | 02 |           |            |     | TP | 102 | 91  | 123 | 104 | 110 | 103 | 125 | 103 |
| 276000974575138 | <b>IMSTEIN</b>       | IMPOSIUM  | VANSTEIN    | Eu, 27, A5 | 09 |           |            |     | TP | 122 | 123 | 105 | 100 | 104 | 106 | 82  | 91  |
| 276000937135887 | <b>IMURAI</b>        | REGIO     | SAMURAI     | 10, A7, 3  | 03 |           |            |     | TP | 117 | 110 | 111 | 110 | 117 | 106 | 109 | 105 |
| 276000943269604 | <b>INBEGRIFF *TA</b> | INDER     | WINNIPEG    | Eu, 6      | 09 |           | <b>FH2</b> |     |    | 129 | 120 | 108 | 115 | 103 | 86  | 104 | 116 |
| 276000939571435 | <b>INBRUNST</b>      | REGIO     | WESPE       | 10, 16     | 04 |           |            |     | TP | 92  | 95  | 99  | 93  | 105 | 110 | 114 | 109 |
| 276000661991169 | <b>INDUREIN</b>      | REGIO     | BOIS LE VIN | Eu, 26, 6  | 03 |           |            |     | TP | 116 | 112 | 114 | 101 | 114 | 107 | 96  | 103 |
| 276000974575146 | <b>INFERNO</b>       | IMPOSIUM  | VANSTEIN    | 2          | 09 |           |            |     | TP | 115 | 117 | 103 | 98  | 104 | 112 | 95  | 91  |
| 276000939480370 | <b>INFIGHT</b>       | REGIO     | HORWEIN     | 10, 16     | 05 |           |            |     | TP | 103 | 103 | 105 | 97  | 114 | 108 | 104 | 110 |
| 276000936529245 | <b>INFO</b>          | REGIO     | ENGADIN *TA | 2          | 02 |           |            |     | TP | 101 | 95  | 119 | 100 | 99  | 101 | 98  | 107 |
| 276000936629766 | <b>INGO</b>          | REGIO     | ROMEN       | 3, 6       | 02 |           |            |     | TP | 95  | 92  | 86  | 113 | 94  | 92  | 112 | 104 |
| 040000154117717 | <b>INGWER - ET</b>   | RUREX *TA | VANSTEIN    | Eu, A3, A8 | 09 |           | <b>FH2</b> |     |    | 126 | 116 | 110 | 121 | 98  | 103 | 108 | 104 |
| 276000974604567 | <b>INHAUS</b>        | INHOF     | WINNIPEG    | 3          | 10 |           | <b>FH2</b> |     |    | 127 | 129 | 96  | 104 | 104 | 94  | 95  | 113 |
| 276000974584027 | <b>INITIAL</b>       | INDER     | MANDL       | Eu, 6      | 09 |           | <b>FH2</b> |     |    | 128 | 121 | 121 | 105 | 95  | 100 | 100 | 116 |
| 276000937622612 | <b>INLAUS</b>        | REGIO     | HONER       | 27         | 04 |           |            |     | TP | 104 | 103 | 101 | 102 | 96  | 104 | 111 | 118 |
| 276000944293689 | <b>INOLD</b>         | RESOLUT   | WEINOLD     | Eu, 9      | 10 |           |            |     | TP | 124 | 119 | 116 | 104 | 96  | 92  | 97  | 99  |
| 276000812419631 | <b>INOLD</b>         | REGIO     | RENOLD      | Eu, 27     | 02 |           |            |     | TP | 93  | 91  | 109 | 97  | 111 | 102 | 104 | 100 |
| 276000937335252 | <b>INOX</b>          | REGIO     | WEINOX      | 16, 10     | 03 |           |            |     | TP | 108 | 104 | 106 | 105 | 115 | 106 | 117 | 103 |
| 276000944937674 | <b>INPUT</b>         | RESOLUT   | WINNIPEG    | 16, 10     | 10 |           |            |     | TP | 124 | 117 | 120 | 105 | 106 | 120 | 108 | 100 |
| 276000936123854 | <b>INPUT</b>         | REGIO     | HORB        | 10, 16     | 02 |           |            |     | TP | 101 | 93  | 118 | 103 | 109 | 119 | 106 | 103 |
| 276000936735795 | <b>INSIDER</b>       | REGIO     | RALBO       | 10, 16     | 02 |           |            |     | TP | 100 | 107 | 111 | 83  | 103 | 98  | 95  | 90  |
| 276000918192188 | <b>INSTANZ</b>       | REGIO     | HACK        | 3          | 03 |           |            |     | TP | 98  | 106 | 99  | 85  | 96  | 89  | 101 | 101 |
| 276000942929463 | <b>INTEL</b>         | ILION     | ENGADIN *TA | 17, 3      | 08 |           |            |     | TP | 125 | 114 | 109 | 117 | 120 | 110 | 112 | 123 |
| 276000943269505 | <b>INTERPOL</b>      | ILION     | ROGEN       | 10, 16     | 08 |           | <b>FH2</b> |     |    | 115 | 106 | 112 | 111 | 114 | 102 | 104 | 101 |
| 276000937358943 | <b>INTRAC</b>        | REGIO     | GEBAL       | 10, 16     | 03 |           |            |     | TP | 114 | 111 | 106 | 101 | 102 | 112 | 109 | 101 |
| 276000662362652 | <b>INUKI</b>         | REGIO     | GS MALF     | 3          | 04 |           |            |     | TP | 104 | 99  | 116 | 98  | 117 | 103 | 108 | 116 |
| 276000937449100 | <b>INVESTOR</b>      | REGIO     | PASS        | 2          | 03 |           |            |     | TP | 106 | 103 | 113 | 98  | 100 | 108 | 103 | 94  |
| 276000981831700 | <b>INZAGHI</b>       | REGIO     | HONER       | 10, AV, 16 | 03 |           |            |     | TP | 110 | 107 | 100 | 108 | 89  | 98  | 110 | 106 |
| 276000935712278 | <b>INZER</b>         | REGIO     | WINZER      | 10         | 02 |           |            |     | TP | 93  | 90  | 122 | 88  | 99  | 109 | 97  | 106 |
| 276000936164585 | <b>ION</b>           | REGIO     | ZEITLER     | Eu, 6      | 02 |           |            |     | TP | 101 | 102 | 112 | 90  | 104 | 107 | 91  | 90  |
| 276000936236054 | <b>IQ</b>            | REGIO     | HORST       | 10, 16     | 02 |           |            |     | TP | 89  | 96  | 93  | 92  | 100 | 106 | 109 | 105 |
| 276000943557558 | <b>IRAN</b>          | RESOLUT   | ZAHNER      | 2          | 09 |           |            |     | TP | 129 | 124 | 116 | 103 | 94  | 102 | 110 | 95  |
| 276000944632798 | <b>IRAN</b>          | RESOLUT   | RANDY       | 27         | 09 |           |            |     | TP | 114 | 117 | 102 | 97  | 89  | 91  | 105 | 97  |
| 276000943911691 | <b>IRDEN</b>         | RESOLUT   | LOMER       | 2          | 09 | <b>DW</b> |            |     |    | 124 | 117 | 122 | 105 | 106 | 113 | 104 | 93  |
| 276000943684074 | <b>IREAL</b>         | RETRAKT   | RAINER      | Eu, 6      | 09 |           |            |     | TP | 121 | 116 | 98  | 114 | 107 | 89  | 117 | 104 |
| 276000936895276 | <b>IRGERER</b>       | REGIO     | SAMURAI     | 2          | 02 |           |            |     | TP | 103 | 96  | 105 | 112 | 103 | 110 | 99  | 107 |
| 040000648224617 | <b>IRLO</b>          | RESOLUT   | WEBAL       | Eu, A3     | 09 |           |            |     | TP | 120 | 122 | 102 | 101 | 90  | 91  | 108 | 107 |
| 276000974583364 | <b>IROHA</b>         | RESOLUT   | GEBER       | 2          | 09 |           |            |     | TP | 115 | 116 | 112 | 97  | 97  | 110 | 109 | 92  |
| 276000935388458 | <b>IRONMAN</b>       | REGIO     | BOIS LE VIN | 10, 16     | 02 |           |            |     | TP | 100 | 102 | 102 | 94  | 107 | 99  | 97  | 110 |
| 276000943044447 | <b>IRSEE</b>         | ISAR I    | RANDY       | 10, 16     | 08 |           |            |     | TP | 95  | 100 | 84  | 102 | 88  | 94  | 102 | 102 |
| 276000812840899 | <b>IRST</b>          | REGIO     | HORST       | 27         | 03 |           |            |     | TP | 103 | 102 | 101 | 100 | 103 | 108 | 119 | 98  |
| 276000941159058 | <b>ISAAC</b>         | HOFHERR   | RAUBLING    | 2          | 06 |           |            |     | TP | 99  | 100 | 95  | 101 | 111 | 103 | 103 | 114 |
| 276000943557559 | <b>ISANTO</b>        | RESOLUT   | RUAP        | 3          | 09 |           |            |     | TP | 131 | 124 | 107 | 116 | 99  | 94  | 108 | 103 |
| 040000199096817 | <b>ISAR</b>          | RETRAKT   | VANSTEIN    | Eu, A5, A3 | 09 |           |            |     | TP | 120 | 112 | 96  | 124 | 94  | 99  | 105 | 119 |
| 276000938866602 | <b>ISAR 2</b>        | REGIO     | GS DIDI     | 2          | 04 |           |            |     | TP | 98  | 99  | 111 | 93  | 109 | 100 | 104 | 107 |
| 276000936728241 | <b>ISAR I</b>        | REGIO     | GS DIDI     | 10, A1, AV | 02 |           |            |     | TP | 98  | 100 | 109 | 92  | 110 | 106 | 114 | 95  |
| 276000814290568 | <b>ISARE ET *TA</b>  | IMO       | WINNIPEG    | 10, 16     | 09 |           | <b>FH2</b> |     |    | 122 | 111 | 112 | 115 | 111 | 109 | 117 | 94  |
| 040000566748609 | <b>ISARIO</b>        | ISAR I    | RAMBO       | 10, 16     | 06 |           |            |     | TP | 82  | 86  | 94  | 91  | 97  | 94  | 105 | 100 |
| 276000812329414 | <b>ISCHA ET</b>      | REGIO     | HODSCHA     | 27         | 02 |           |            |     | TP | 103 | 104 | 101 | 98  | 106 | 101 | 111 | 109 |
| 276000936896633 | <b>ISEN</b>          | REGIO     | STEGO       | 17, A1     | 03 |           |            |     | TP | 101 | 111 | 111 | 73  | 100 | 96  | 96  | 91  |
| 276000943719826 | <b>ISENTAL *TA</b>   | IDIOM     | WINNIPEG    | 10, 2, 16  | 09 |           |            |     | TP | 120 | 113 | 106 | 115 | 98  | 107 | 103 | 113 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                  | Vater           | MV         | Station    | J. | DW  | FH2 | ZDL | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-----------------------|-----------------|------------|------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000944464141 | <b>ISERANDERS *TA</b> | RESOLUT         | WEINOLD    | Eu, 6, A3  | 10 |     |     |     | TP  | 137 | 132 | 120 | 101 | 98  | 91  | 113 | 108 |
| 276000944905723 | <b>ISERBRAV</b>       | RESOLUT         | VANSTEIN   | Eu, 6, A8  | 10 |     |     |     | TP  | 132 | 125 | 106 | 114 | 102 | 97  | 107 | 103 |
| 276000974587612 | <b>ISERDA</b>         | RESOLUT         | WINNIPEG   | Eu, 6      | 09 |     | FH2 |     |     | 138 | 124 | 108 | 128 | 99  | 109 | 107 | 111 |
| 276000945231086 | <b>ISERDENN</b>       | RESOLUT         | WINNIPEG   | Eu, 6      | 10 |     | FH2 |     | TP  | 139 | 123 | 125 | 117 | 110 | 114 | 107 | 109 |
| 276000944117770 | <b>ISERFORT</b>       | RESOLUT         | HUMID      | Eu, 6, 9   | 09 |     |     |     | TP  | 119 | 116 | 105 | 107 | 94  | 95  | 103 | 104 |
| 276000944418170 | <b>ISERGUT *TA</b>    | RESOLUT         | WINNIPEG   | Eu, 6, 3   | 09 |     |     |     | TP  | 134 | 128 | 112 | 108 | 104 | 100 | 107 | 104 |
| 276000944675519 | <b>ISERLENZ</b>       | RESOLUT         | WAL        | Eu, 6, 9   | 10 |     |     |     | TP  | 132 | 126 | 115 | 108 | 107 | 112 | 106 | 111 |
| 276000944522489 | <b>ISERSO</b>         | RESOLUT         | WINNIPEG   | Eu, 6      | 10 |     | FH2 |     | TP  | 131 | 126 | 117 | 107 | 108 | 112 | 94  | 104 |
| 276000937039911 | <b>ISIDOR</b>         | REGIO           | SAMURAI    | 2, 10      | 02 |     |     |     | TP  | 109 | 103 | 108 | 109 | 104 | 112 | 109 | 106 |
| 276000944168244 | <b>ISLAN</b>          | RESOLUT         | VANSTEIN   | 3, 6       | 09 |     |     |     | TP  | 136 | 127 | 112 | 120 | 96  | 108 | 115 | 107 |
| 276000936661144 | <b>ISLAND</b>         | REGIO           | MOBART     | 2, 10      | 02 |     |     |     | TP  | 93  | 91  | 111 | 93  | 115 | 109 | 104 | 106 |
| 276000974587614 | <b>ISLING</b>         | RESOLUT         | WINNIPEG   | Eu, 26, 6  | 09 |     | FH2 |     |     | 131 | 127 | 108 | 113 | 102 | 102 | 106 | 107 |
| 276000946767301 | <b>ISMET</b>          | RESOLUT         | SAFIR      | 2          | 11 |     |     |     | TP  | 122 | 125 | 109 | 95  | 109 | 110 | 99  | 103 |
| 276000943913799 | <b>ISOLA *TA</b>      | IMO             | RAINER     | Eu, 6, A3  | 09 |     |     |     | TP  | 113 | 111 | 112 | 98  | 114 | 113 | 119 | 110 |
| 040000506290472 | <b>ISOSTAR</b>        | REGIO           | WESPE      | AV, 10, 16 | 03 |     |     |     | TP? | 94  | 103 | 99  | 83  | 93  | 108 | 108 | 103 |
| 276000937358983 | <b>ISPO</b>           | REGIO           | WESPE      | AV, 10, 16 | 03 |     |     |     | TP  | 98  | 88  | 100 | 117 | 97  | 113 | 106 | 109 |
| 276000944293464 | <b>ISTEIN</b>         | RETRAKT         | VANSTEIN   | Eu, 9, 6   | 09 |     |     |     | TP  | 121 | 112 | 110 | 112 | 89  | 99  | 100 | 105 |
| 276000943406063 | <b>ISTRIA *TA</b>     | ISTER           | HOFGUT *TA | 10, 16     | 09 |     |     | ZDL | TP  | 124 | 120 | 121 | 91  | 100 | 110 | 108 | 92  |
| 276000943643343 | <b>ITALA</b>          | IMO             | WEINOLD    | Eu, 6      | 09 |     |     |     | TP  | 130 | 123 | 113 | 110 | 95  | 104 | 108 | 97  |
| 276000943643350 | <b>ITALIEN</b>        | IMO             | WEBAL      | Eu, 6      | 09 |     |     |     | TP  | 120 | 117 | 109 | 103 | 115 | 104 | 110 | 108 |
| 276000937177479 | <b>ITALO</b>          | REGIO           | ROMEN      | 16, 10     | 02 |     |     |     | TP  | 102 | 96  | 97  | 113 | 98  | 117 | 104 | 108 |
| 276000944418147 | <b>ITARARE *TA</b>    | RESOLUT         | WINNIPEG   | 10, AV, 16 | 09 |     | FH2 |     | TP  | 137 | 127 | 121 | 109 | 103 | 109 | 103 | 104 |
| 276000944118112 | <b>ITHAKA *TA</b>     | IMO             | -          | Eu, 6, 9   | 09 |     |     |     | TP  | 114 | 105 | 109 | 113 | 96  | 115 | 116 | 107 |
| 276000936740669 | <b>ITURI</b>          | REGIO           | SAMURAI    | 16, 10     | 02 |     |     |     | TP  | 101 | 109 | 130 | 68  | 113 | 89  | 101 | 76  |
| 276000944353663 | <b>IVIAN *TA</b>      | RESOLUT         | ROMWEIN    | A1, 3, 17  | 09 |     |     |     | TP  | 132 | 125 | 109 | 113 | 103 | 100 | 100 | 119 |
| 276000974583363 | <b>IVICA *TA</b>      | RESOLUT         | GEBER      | 10, 16     | 09 |     |     |     | TP  | 125 | 124 | 119 | 96  | 94  | 103 | 103 | 89  |
| 276000944508002 | <b>IVO</b>            | RESOLUT         | WINNIPEG   | 16, 10     | 09 |     | FH2 |     | TP  | 129 | 121 | 114 | 112 | 97  | 100 | 105 | 111 |
| 276000815193823 | <b>IVODA</b>          | IWINN           | VODACH     | Eu, 27     | 12 |     |     |     | TP  | 130 | 121 | 98  | 125 | 100 | 99  | 108 | 123 |
| 276000943339613 | <b>IWINN</b>          | RESOLUT         | WINNIPEG   | Eu, 27, A5 | 09 |     |     |     | TP  | 144 | 133 | 114 | 119 | 100 | 103 | 106 | 116 |
| 276000974584577 | <b>IWINN</b>          | RESOLUT         | WINNIPEG   | 3          | 09 |     |     |     | TP  | 138 | 121 | 124 | 119 | 118 | 113 | 100 | 111 |
| 276000815097743 | <b>IWIVA</b>          | IWINN           | VANSTEIN   | Eu, 27     | 12 |     |     |     | TP  | 140 | 132 | 115 | 112 | 97  | 98  | 114 | 123 |
| 276000945617914 | <b>IXY</b>            | RESOLUT         | VANSTEIN   | Eu, 9      | 10 |     |     |     | TP  | 133 | 132 | 110 | 102 | 108 | 97  | 93  | 107 |
| 276000943731499 | <b>IZMIR *TA</b>      | RESOLUT         | RUAP       | 10, 16     | 10 |     |     |     | TPr | 133 | 121 | 123 | 113 | 94  | 111 | 113 | 105 |
| 276000944684909 | <b>JACKPOT *TA</b>    | HOLZMICHL       | RAMMSTEIN  | 10, 16     | 10 |     |     |     | TP  | 116 | 117 | 104 | 97  | 95  | 98  | 97  | 101 |
| 276000945964754 | <b>JASMUND</b>        | GS HERSTEIN *TA | VANSTEIN   | Eu, 6, 9   | 11 |     |     |     | TPr | 123 | 121 | 99  | 114 | 101 | 105 | 109 | 109 |
| 276000943767982 | <b>JOHANNES</b>       | HOLZMICHL       | VANSTEIN   | Eu, 6, A3  | 09 |     |     |     | TP  | 126 | 116 | 102 | 126 | 82  | 111 | 96  | 109 |
| 276000814530958 | <b>JOVAN *TA</b>      | HOMORRY         | VANSTEIN   | Eu, 27     | 09 |     |     |     | TP  | 120 | 114 | 107 | 110 | 97  | 114 | 92  | 106 |
| 040000489434971 | <b>KARI</b>           | KANIS           | SARAZIN    |            | 91 |     |     |     | TP  | 75  | 67  | 96  | 114 | 91  | 104 | 99  | 91  |
| 276000936994134 | <b>KONAN</b>          | KAMPS           | ROMEN      | 10, 16     | 03 |     |     | ZDL |     | 92  | 90  | 111 | 99  | 97  | 110 | 95  | 89  |
| 276000938494200 | <b>LANDO *TA</b>      | LOMBARDO        | ERFURT *TA | Eu, A5     | 04 |     | FH2 |     |     | 91  | 95  | 83  | 101 | 107 | 103 | 89  | 84  |
| 040000472325744 | <b>LANDSER</b>        | LARBOL          | MAURER     |            | 93 | DW? |     |     |     | 63  | 68  | 100 | 85  | 102 | 124 | 103 | 66  |
| 040000159027311 | <b>LANZO</b>          | LAVENT          | PRINZ      | Eu, A3     | 99 | DW  |     |     |     | 80  | 88  | 103 | 82  | 96  | 116 | 92  | 97  |
| 040000404709844 | <b>LAVENT</b>         | LARSEN          | ROMBUS     | Eu, A3     | 91 | DW  |     |     |     | 87  | 88  | 100 | 94  | 90  | 111 | 82  | 97  |
| 276000939108548 | <b>LECHFELD</b>       | LEO             | RAPID      | 2          | 04 |     |     |     | TP  | 95  | 104 | 96  | 87  | 97  | 110 | 105 | 93  |
| 040000236788307 | <b>LEGO</b>           | LEO             | RESS       | Eu, A3, 6  | 04 | DW  |     |     |     | 83  | 97  | 105 | 67  | 99  | 134 | 97  | 71  |
| 040000559754707 | <b>LENIN</b>          | LEO             | HOLGER     | Eu, A3     | 04 | DW  |     |     |     | 89  | 97  | 90  | 89  | 101 | 114 | 88  | 86  |
| 040000239781207 | <b>LENON</b>          | LEO             | RALBO      | Eu, A3     | 04 |     |     |     | TP  | 95  | 95  | 104 | 96  | 108 | 121 | 101 | 91  |
| 276000939533355 | <b>LEOPOLD</b>        | LEO             | UTNACH     | 2          | 04 |     |     |     | TP  | 107 | 110 | 96  | 99  | 92  | 110 | 107 | 99  |
| 276000939533352 | <b>LEWART</b>         | LEO             | HORWART    | Eu, 6, 9   | 04 |     |     |     | TP  | 85  | 94  | 87  | 88  | 115 | 132 | 105 | 102 |
| 276000941627873 | <b>LEWAT</b>          | LEON            | WATERBERG  | Eu, 27     | 07 |     |     |     | TP  | 121 | 123 | 97  | 102 | 93  | 101 | 87  | 103 |
| 276000891234988 | <b>LICHTMESS</b>      | LOTARRY         | ZEUKAR     | 10, 16     | 00 |     | FH2 |     |     | 103 | 109 | 104 | 90  | 78  | 113 | 99  | 93  |
| 040000266374842 | <b>LOHOR</b>          | LOCK            | HORWEIN    | Eu, A3     | 00 | DW  |     |     |     | 87  | 77  | 116 | 107 | 106 | 131 | 89  | 79  |
| 040000927071534 | <b>LOMBARD</b>        | LOCK            | POSTNER    | Eu, A3     | 99 |     | FH2 |     |     | 99  | 88  | 97  | 120 | 91  | 110 | 87  | 85  |
| 276000930079097 | <b>LOMBARDO</b>       | LOMBARD         | HORWEIN    | A1, A7, 10 | 97 |     | FH2 |     |     | 96  | 96  | 94  | 101 | 96  | 99  | 100 | 96  |
| 276000939964878 | <b>LOMEX</b>          | LOM             | TEXANER    | Eu, 9, 6   | 05 |     | FH2 |     |     | 97  | 96  | 92  | 106 | 100 | 101 | 118 | 94  |
| 276000938911915 | <b>LOMTAL</b>         | LOMBARDO        | RANDY      | Eu, 6      | 04 |     | FH2 |     |     | 105 | 108 | 96  | 96  | 104 | 116 | 96  | 88  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                | Vater     | MV          | Station    | J. | DW         | FH2         | ZDL         | TP        | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|---------------------|-----------|-------------|------------|----|------------|-------------|-------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000808697142 | <b>LOPES</b>        | LOCK      | ROMEN       | Eu, A3, A1 | 01 |            |             | <b>ZDL</b>  |           | 92  | 83  | 95  | 119 | 99  | 111 | 101 | 89  |
| 276000938423363 | <b>LORENZO</b>      | LOMER     | RAUBLING    | 10         | 04 |            |             | <b>ZDL?</b> |           | 106 | 99  | 103 | 114 | 99  | 111 | 110 | 95  |
| 276000930844384 | <b>LORETTO</b>      | LOMBARD   | GS MALF     | 3          | 97 |            | <b>FH2</b>  |             | <b>TP</b> | 93  | 91  | 106 | 98  | 109 | 118 | 104 | 107 |
| 276000812010670 | <b>LORIS</b>        | LORINT-ET | ZERIS       | 27         | 01 |            |             | <b>ZDL?</b> |           | 105 | 101 | 98  | 111 | 93  | 106 | 104 | 92  |
| 276000353522802 | <b>LOSTEIN</b>      | LOSAM     | VANSTEIN    | Eu, 6      | 10 |            |             |             | <b>TP</b> | 116 | 114 | 92  | 113 | 100 | 96  | 114 | 115 |
| 276000811779380 | <b>LOTONI ET</b>    | LOTARRY   | MORWEL      | 27         | 00 | <b>DW</b>  |             |             |           | 103 | 102 | 86  | 111 | 95  | 108 | 109 | 106 |
| 040000457630644 | <b>LOTUS</b>        | LARBOL    | BIMBO       |            | 93 | <b>DW?</b> |             |             |           | 81  | 76  | 111 | 100 | 111 | 114 | 90  | 74  |
| 276000922565884 | <b>LOTUS</b>        | LONER     | STREIF      | Eu, 6      | 84 |            |             | <b>ZDL?</b> |           |     |     |     |     |     |     |     |     |
| 040000595837634 | <b>LUPO</b>         | LOCK      | MOKO        | Eu, A3     | 99 | <b>DW</b>  |             |             |           | 94  | 93  | 85  | 108 | 97  | 105 | 85  | 88  |
| 040000911693172 | <b>MABOIS</b>       | MATREI    | BOIS LE VIN | A7, A1     | 04 |            |             | <b>ZDL</b>  |           | 101 | 99  | 102 | 102 | 111 | 99  | 96  | 98  |
| 040000486479141 | <b>MAC</b>          | MARTINI   | RADI        | Eu, A3     | 95 |            |             |             | <b>TP</b> | 94  | 85  | 102 | 113 | 96  | 105 | 102 | 94  |
| 040000381865416 | <b>MAD MAX</b>      | MANITOBA  | RANDY       | AV, 10     | 08 |            |             |             | <b>TP</b> | 105 | 104 | 91  | 109 | 108 | 108 | 98  | 101 |
| 276000938857167 | <b>MADAL</b>        | MADERA    | REGIO       | Eu, 6      | 04 | <b>DW?</b> |             |             |           | 102 | 100 | 104 | 100 | 91  | 85  | 100 | 109 |
| 276000937803766 | <b>MADEGO *TA</b>   | MADERA    | ROMEL (A)   | Eu, A5     | 03 |            | <b>FH2</b>  |             |           | 99  | 98  | 108 | 96  | 106 | 92  | 116 | 93  |
| 276000918923365 | <b>MADERA</b>       | GS MALF   | HORB        | 3          | 97 |            | <b>FH2</b>  |             |           | 105 | 101 | 102 | 104 | 92  | 82  | 99  | 104 |
| 276000935101062 | <b>MADISON</b>      | GS MALHAX | ROXAN       | 10, 16     | 00 |            | <b>FH2</b>  |             |           | 79  | 87  | 80  | 94  | 87  | 95  | 107 | 99  |
| 276000938485683 | <b>MADOR</b>        | MADERA    | ASTOR       | Eu, 6      | 04 |            | <b>FH2</b>  |             |           | 96  | 97  | 99  | 98  | 93  | 102 | 98  | 98  |
| 276000945352718 | <b>MADOX *TA</b>    | MANITOBA  | WATERBERG   | 17         | 11 |            |             |             | <b>TP</b> | 126 | 120 | 93  | 120 | 118 | 108 | 102 | 108 |
| 276000937837821 | <b>MADRAS</b>       | MADERA    | SAMURAI     | 16, 3, 10  | 03 |            | <b>FH2</b>  |             |           | 106 | 98  | 119 | 101 | 101 | 86  | 101 | 94  |
| 276000937803759 | <b>MADRAS *TA</b>   | MADERA    | ROMEL (A)   | Eu, 6, A3  | 03 |            | <b>FH2</b>  |             |           | 108 | 107 | 108 | 98  | 99  | 88  | 90  | 105 |
| 276000937803765 | <b>MADRID *TA</b>   | MADERA    | ROMEL (A)   | Eu, 6, 9   | 03 |            | <b>FH2</b>  |             |           | 96  | 98  | 100 | 96  | 98  | 96  | 120 | 104 |
| 276000938985745 | <b>MADRIGAL</b>     | MANDL     | RANDY       | 10, 16     | 04 |            | <b>FH2</b>  |             |           | 83  | 91  | 97  | 86  | 89  | 99  | 85  | 100 |
| 276000940822793 | <b>MAERTYRER</b>    | MARTL-DE  | REGIO       | Eu, 6, 3   | 06 |            |             |             | <b>TP</b> | 113 | 111 | 101 | 104 | 104 | 101 | 107 | 120 |
| 276000938689361 | <b>MAGIC</b>        | MANDL     | HODACH      | 2          | 04 |            | <b>FH2</b>  |             |           | 91  | 90  | 101 | 97  | 105 | 88  | 96  | 103 |
| 276000939560399 | <b>MAGIC MOON</b>   | MERKUR    | ERFURT *TA  | 10, 16     | 05 |            | <b>FH2</b>  |             |           | 101 | 100 | 101 | 101 | 96  | 83  | 106 | 87  |
| 276000934694686 | <b>MAGIRUS</b>      | GS MALHAX | STREITL     | 17, A1, A7 | 00 |            | <b>FH2</b>  |             |           | 110 | 104 | 111 | 104 | 123 | 94  | 92  | 109 |
| 040000962290172 | <b>MAGISTER</b>     | MANDL     | HORWEIN     | Eu, A8     | 03 |            | <b>FH2</b>  |             |           | 100 | 99  | 105 | 98  | 112 | 108 | 94  | 98  |
| 276000939591750 | <b>MAGMA</b>        | MARTL-DE  | RANDY       | 10, 17     | 05 |            | <b>FH2</b>  |             |           | 90  | 95  | 84  | 98  | 116 | 85  | 108 | 98  |
| 276000940640473 | <b>MAGNAT</b>       | MAGIRUS   | HODWEIN     | 10         | 07 |            | <b>FH2</b>  |             |           | 98  | 95  | 107 | 96  | 109 | 103 | 93  | 105 |
| 276000938276813 | <b>MAGNET</b>       | MADERA    | REMPLE      | 10         | 04 |            | <b>FH2?</b> |             |           | 96  | 98  | 75  | 112 | 95  | 82  | 86  | 108 |
| 276000945554791 | <b>MAGORIUM *TA</b> | MALIBU    | REGIO       | 2, 10      | 10 |            |             |             | <b>TP</b> | 126 | 113 | 119 | 116 | 114 | 98  | 102 | 117 |
| 276000941729063 | <b>MAGRATH</b>      | MAGIRUS   | RADAU       | Eu, 6      | 07 |            | <b>FH2</b>  |             |           | 100 | 94  | 119 | 101 | 110 | 102 | 95  | 105 |
| 276000931446947 | <b>MAGUT</b>        | GS MALF   | REPORT      | Eu, 6, 3   | 98 |            |             |             | <b>TP</b> | 88  | 96  | 115 | 76  | 109 | 113 | 106 | 85  |
| 276000932723577 | <b>MAIBACH</b>      | GS MALF   | ZAX         | 10, 16     | 98 |            | <b>FH2</b>  |             |           | 86  | 84  | 109 | 94  | 101 | 104 | 91  | 98  |
| 276000931394580 | <b>MAIGOLD</b>      | GS MALF   | HORWEIN     | AV, 10, 16 | 98 |            | <b>FH2</b>  |             |           | 99  | 100 | 99  | 99  | 97  | 104 | 99  | 105 |
| 040000219303814 | <b>MAILAND</b>      | MADERA    | RUMBA       | Eu, A3     | 07 |            | <b>FH2</b>  |             |           | 111 | 113 | 97  | 100 | 98  | 98  | 98  | 94  |
| 276000938857253 | <b>MAIMARKT</b>     | MAIGOLD   | WATERBERG   | 10, 16     | 04 |            | <b>FH2</b>  |             |           | 103 | 108 | 92  | 95  | 88  | 105 | 87  | 104 |
| 276000939753848 | <b>MAINOX ET</b>    | MARMARA   | WEINOX      | 27         | 05 |            | <b>FH2</b>  |             |           | 88  | 94  | 92  | 90  | 107 | 96  | 102 | 107 |
| 040000510225272 | <b>MAINZ *TA</b>    | MANDL     | ROMEL (A)   | Eu, A3     | 04 |            | <b>FH2</b>  |             |           | 99  | 99  | 113 | 93  | 114 | 104 | 104 | 102 |
| 276000941035836 | <b>MAISTURM</b>     | MR BEAN   | SAFIR       | 10         | 06 |            | <b>FH2</b>  | <b>ZDL</b>  |           | 100 | 106 | 91  | 95  | 100 | 99  | 99  | 107 |
| 040000259447411 | <b>MAJOR</b>        | MALTA     | HAXA        | Eu, A3     | 98 |            | <b>FH2</b>  |             |           | 88  | 90  | 113 | 88  | 111 | 113 | 104 | 93  |
| 276000941035844 | <b>MAKUMBA</b>      | MR BEAN   | RUMBA       | 10, 16     | 07 |            | <b>FH2</b>  | <b>ZDL</b>  | <b>TP</b> | 96  | 93  | 103 | 102 | 98  | 112 | 101 | 102 |
| 276000914080516 | <b>MALAGA</b>       | GS MALF   | HODSCHA     | 3          | 95 |            | <b>FH2</b>  |             |           | 74  | 78  | 84  | 97  | 95  | 105 | 91  | 99  |
| 040000161928518 | <b>MALAGANT</b>     | MALHAXL   | VANSTEIN    | Eu, A5     | 10 |            |             |             | <b>TP</b> | 122 | 115 | 103 | 117 | 104 | 96  | 109 | 113 |
| 276000915062876 | <b>MALBOT</b>       | GS MALF   | BAPTIST     | Eu, 6      | 95 |            | <b>FH2</b>  |             |           | 99  | 88  | 101 | 118 | 89  | 103 | 111 | 105 |
| 276000919456281 | <b>MALCHUS</b>      | GS MALF   | RADI        | 10, 16     | 95 |            | <b>FH2</b>  |             |           | 89  | 95  | 118 | 78  | 113 | 122 | 101 | 93  |
| 276000943695444 | <b>MALDINI</b>      | MANITOBA  | ROBERT      | 17         | 08 |            |             |             | <b>TP</b> | 112 | 106 | 105 | 111 | 111 | 111 | 96  | 101 |
| 040000513590147 | <b>MALER</b>        | MATREI    | HERON       | A1, A3, A5 | 02 |            |             | <b>ZDL</b>  |           | 101 | 97  | 113 | 100 | 101 | 112 | 98  | 85  |
| 276000911544826 | <b>MALER</b>        | GS MALF   | DIRTECK     | Eu, 6      | 95 |            | <b>FH2</b>  |             |           | 92  | 86  | 110 | 102 | 104 | 102 | 97  | 99  |
| 040000348146667 | <b>MALER</b>        | GS MALF   | HARTER      | Eu, A8     | 96 |            | <b>FH2</b>  |             |           | 80  | 83  | 104 | 90  | 108 | 103 | 109 | 97  |
| 276000931394582 | <b>MALERI</b>       | GS MALF   | HORWEIN     | Eu, A3, 6  | 98 |            | <b>FH2</b>  |             |           | 82  | 88  | 94  | 90  | 97  | 96  | 92  | 79  |
| 276000934758353 | <b>MALETO</b>       | GS MALHAX | HALLING     | 3, 6       | 00 |            | <b>FH2</b>  |             |           | 84  | 81  | 103 | 100 | 99  | 81  | 97  | 91  |
| 276000935843783 | <b>MALHAB</b>       | GS MALHAX | RALBO       | A1, A7, 10 | 01 |            | <b>FH2</b>  |             | <b>TP</b> | 96  | 95  | 74  | 116 | 101 | 94  | 107 | 115 |
| 276000934788498 | <b>MALHALL</b>      | GS MALHAX | HALL        | 2          | 00 |            | <b>FH2</b>  |             |           | 92  | 92  | 88  | 105 | 108 | 110 | 89  | 77  |
| 276000933400366 | <b>MALHAR</b>       | GS MALHAX | RALBO       | 10         | 01 |            | <b>FH2</b>  |             |           | 95  | 97  | 111 | 88  | 113 | 108 | 95  | 102 |
| 276000937889224 | <b>MALI</b>         | MANDL     | HORR        | A1, 17     | 03 |            | <b>FH2</b>  |             | <b>TP</b> | 103 | 94  | 106 | 112 | 85  | 94  | 105 | 100 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                | Vater     | MV        | Station    | J. | DW        | FH2        | ZDL        | TP        | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|---------------------|-----------|-----------|------------|----|-----------|------------|------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000911028606 | <b>MALIBOR</b>      | GS MALF   | HORWEIN   | Eu, 6      | 95 |           | <b>FH2</b> |            |           | 92  | 89  | 107 | 100 | 92  | 116 | 95  | 88  |
| 276000916070971 | <b>MALIFT</b>       | GS MALF   | RENNER    | Eu, 6      | 96 |           | <b>FH2</b> |            |           | 80  | 89  | 88  | 88  | 95  | 79  | 108 | 92  |
| 276000935718206 | <b>MALKAN</b>       | MALEFIZ   | REPORT    | Eu, 6      | 01 |           |            |            | <b>TP</b> | 109 | 106 | 112 | 100 | 115 | 107 | 99  | 98  |
| 276000935474166 | <b>MALKORN</b>      | GS MALHAX | HORB      | Eu, 6, 3   | 01 |           | <b>FH2</b> |            |           | 78  | 86  | 106 | 79  | 116 | 90  | 101 | 106 |
| 276000934644154 | <b>MALLING</b>      | GS MALHAX | HALLING   | Eu, 6      | 01 |           | <b>FH2</b> |            |           | 90  | 96  | 92  | 92  | 107 | 100 | 93  | 107 |
| 276000936157018 | <b>MALMO</b>        | MALEFIZ   | PROMO     | 10, 9      | 02 |           | <b>FH2</b> |            |           | 110 | 94  | 99  | 130 | 105 | 116 | 111 | 88  |
| 276000935608687 | <b>MALON</b>        | MAGUT     | LONHARD   | Eu, 6      | 01 |           |            |            | <b>TP</b> | 100 | 95  | 113 | 101 | 108 | 123 | 102 | 89  |
| 276000935785020 | <b>MALORKA</b>      | MALARD    | REPORT    | Eu, 6      | 02 |           |            |            | <b>TP</b> | 91  | 102 | 91  | 87  | 88  | 102 | 91  | 86  |
| 276000911111139 | <b>MALOX</b>        | GS MALF   | PROPELLER | Eu, 6      | 96 |           | <b>FH2</b> |            |           | 90  | 85  | 95  | 110 | 90  | 123 | 112 | 88  |
| 276000660665193 | <b>MALRAU</b>       | GS MALF   | RENNER    | Eu, 9, 26  | 97 |           | <b>FH2</b> |            |           | 78  | 79  | 108 | 90  | 114 | 98  | 116 | 106 |
| 040000872212734 | <b>MALREN</b>       | GS MALF   | RENNER    | A1, A7, 10 | 99 |           | <b>FH2</b> |            |           | 78  | 94  | 105 | 62  | 120 | 100 | 112 | 103 |
| 276000941540523 | <b>MALSEHN</b>      | MALINT    | REPAND    | Eu, 6      | 07 |           |            |            | <b>TP</b> | 109 | 106 | 103 | 105 | 114 | 113 | 107 | 103 |
| 276000933089177 | <b>MALSOR</b>       | GS MALHAX | HORB      | Eu, 6      | 01 |           | <b>FH2</b> |            |           | 90  | 89  | 91  | 106 | 113 | 110 | 104 | 105 |
| 276000934686808 | <b>MALTA</b>        | GS MALHAX | HORST     | 17         | 00 |           | <b>FH2</b> |            |           | 99  | 93  | 108 | 105 | 106 | 107 | 88  | 98  |
| 040000648634846 | <b>MALTA</b>        | GS MALF   | ZORRO     | Eu, A3     | 96 |           | <b>FH2</b> |            |           | 78  | 87  | 100 | 82  | 103 | 118 | 106 | 82  |
| 276000915980853 | <b>MALTON</b>       | GS MALF   | PROPELLER | Eu, 6      | 96 |           | <b>FH2</b> |            |           | 92  | 98  | 90  | 93  | 100 | 112 | 95  | 87  |
| 276000943739632 | <b>MALWINN</b>      | MALKAN    | WINNIPEG  | Eu, 6      | 08 |           |            |            | <b>TP</b> | 112 | 107 | 121 | 97  | 117 | 120 | 97  | 99  |
| 040000634063746 | <b>MALZ</b>         | GS MALF   | TABOR     |            | 95 | <b>DW</b> | <b>FH2</b> |            |           | 67  | 76  | 97  | 79  | 92  | 105 | 102 | 87  |
| 276000915496143 | <b>MAMBI</b>        | GS MALF   | BAMBI     | 17, A1, A7 | 97 |           | <b>FH2</b> |            |           | 92  | 90  | 111 | 96  | 108 | 103 | 89  | 96  |
| 040000657570844 | <b>MAMMUT</b>       | GS MALF   | HORWEIN   | Eu, A3     | 97 |           | <b>FH2</b> |            |           | 100 | 93  | 104 | 110 | 111 | 98  | 98  | 105 |
| 276000939492930 | <b>MAMOR</b>        | MISTER    | WEINOX    | 17         | 05 |           | <b>FH2</b> | <b>ZDL</b> |           | 90  | 83  | 101 | 110 | 112 | 119 | 102 | 89  |
| 276000911543785 | <b>MANAGER</b>      | GS MALF   | HORNUS    | AV, 10, 16 | 95 |           | <b>FH2</b> |            |           | 91  | 90  | 108 | 96  | 99  | 124 | 100 | 102 |
| 276000943179298 | <b>MANARO</b>       | MANITOBA  | ROBERTO   | 2          | 08 |           | <b>FH2</b> |            |           | 118 | 107 | 109 | 113 | 107 | 94  | 108 | 106 |
| 276000937793194 | <b>MANCHING</b>     | MANDL     | ROMEN     | 2          | 03 |           | <b>FH2</b> |            |           | 104 | 98  | 100 | 111 | 97  | 108 | 102 | 114 |
| 276000941104381 | <b>MANCINI (A)</b>  | MANSO     | BOSS      | 10, 16     | 06 |           | <b>FH2</b> |            |           | 85  | 89  | 104 | 88  | 100 | 94  | 88  | 91  |
| 276000937882783 | <b>MANDANT</b>      | MANDL     | BOSS      | 2          | 03 |           | <b>FH2</b> |            |           | 110 | 105 | 105 | 108 | 105 | 82  | 103 | 98  |
| 040000410617633 | <b>MANDL</b>        | GS MALF   | STREITL   | A1, A7, 10 | 97 |           | <b>FH2</b> |            |           | 119 | 111 | 112 | 108 | 99  | 91  | 97  | 100 |
| 276000942331867 | <b>MANDOLA</b>      | MANDELA   | POLDI     | Eu, 6, A3  | 07 |           |            |            | <b>TP</b> | 110 | 108 | 95  | 106 | 93  | 101 | 117 | 96  |
| 040000212198707 | <b>MANDOLINO</b>    | MANDL     | WEINOX    | A1, A7     | 04 |           | <b>FH2</b> |            |           | 93  | 104 | 95  | 81  | 96  | 94  | 94  | 93  |
| 276000937992747 | <b>MANDRO *TA</b>   | MANDL     | ROMEL (A) | A1, 2      | 04 |           | <b>FH2</b> |            |           | 109 | 103 | 109 | 106 | 101 | 104 | 102 | 100 |
| 040000762776472 | <b>MANDURO</b>      | MAMMUT    | HERON     | Eu, A3     | 04 |           | <b>FH2</b> |            |           | 102 | 96  | 99  | 110 | 99  | 102 | 102 | 85  |
| 276000937195716 | <b>MANET</b>        | MORROR    | RALBO     | 10         | 04 |           |            |            | <b>TP</b> | 94  | 87  | 102 | 109 | 97  | 128 | 102 | 100 |
| 276000944742605 | <b>MANGALA *TA</b>  | MANTUA    | GEBALOT   | 10, 16     | 10 |           | <b>FH2</b> |            |           | 119 | 115 | 118 | 95  | 109 | 111 | 94  | 100 |
| 276000939363890 | <b>MANGAN</b>       | MARMARA   | RANDY     | 10, 16     | 05 |           |            | <b>ZDL</b> |           | 99  | 103 | 85  | 102 | 90  | 100 | 101 | 104 |
| 276000940988190 | <b>MANGO</b>        | MAGIRUS   | RENOM     | 2          | 07 |           | <b>FH2</b> |            |           | 97  | 106 | 86  | 91  | 102 | 111 | 97  | 94  |
| 276000935523479 | <b>MANGOL (A*)</b>  | MANAGER   | EGOL (A)  | 10         | 01 |           | <b>FH2</b> |            |           | 94  | 89  | 112 | 99  | 97  | 121 | 109 | 98  |
| 276000941191290 | <b>MANGOLD</b>      | MANSO     | LEO       | Eu, 6      | 06 |           | <b>FH2</b> |            |           | 97  | 106 | 106 | 77  | 114 | 111 | 80  | 94  |
| 276000938844672 | <b>MANHATTAN</b>    | MANDL     | REGIO     | 2          | 04 |           |            |            | <b>TP</b> | 105 | 97  | 107 | 109 | 93  | 96  | 94  | 94  |
| 040000333534216 | <b>MANHEIM</b>      | MANDELA   | ROMOR     | Eu, A3     | 07 |           |            |            | <b>TP</b> | 121 | 116 | 108 | 106 | 116 | 109 | 105 | 85  |
| 276000941130281 | <b>MANIBER *TA</b>  | MANSO     | ROMEL (A) | Eu, 6, 9   | 07 |           | <b>FH2</b> |            |           | 111 | 109 | 101 | 106 | 112 | 102 | 78  | 110 |
| 276000941010119 | <b>MANIER</b>       | MANSO     | SAFIR     | 10         | 07 |           | <b>FH2</b> |            |           | 108 | 112 | 111 | 87  | 119 | 98  | 95  | 105 |
| 276000941424893 | <b>MANILA</b>       | MANSO     | RAUBLING  | Eu, 6      | 06 |           |            |            | <b>TP</b> | 89  | 93  | 99  | 89  | 101 | 106 | 88  | 99  |
| 276000814141037 | <b>MANIPEG</b>      | MANDL     | WINNIPEG  | Eu, 27     | 09 |           | <b>FH2</b> |            |           | 123 | 117 | 114 | 107 | 101 | 95  | 93  | 107 |
| 276000937991922 | <b>MANIT</b>        | MANDL     | RALBIT    | Eu, 9      | 03 |           | <b>FH2</b> |            |           | 106 | 109 | 101 | 92  | 88  | 92  | 93  | 93  |
| 276000942637457 | <b>MANITENOR</b>    | MANITOBA  | WEINOX    | 3, 17      | 08 |           | <b>FH2</b> |            |           | 112 | 112 | 94  | 103 | 108 | 91  | 110 | 102 |
| 276000942274519 | <b>MANKAT</b>       | MANITOBA  | VANSTEIN  | Eu, 6, 9   | 08 |           |            |            | <b>TP</b> | 118 | 108 | 101 | 117 | 116 | 121 | 109 | 112 |
| 276000942863505 | <b>MANKELL</b>      | MANITOBA  | HUCKEL    | Eu, 6, A8  | 08 |           | <b>FH2</b> |            |           | 115 | 106 | 95  | 123 | 113 | 110 | 104 | 112 |
| 276000942202989 | <b>MANLING</b>      | MANITOBA  | HIPPO     | Eu, 6      | 08 |           |            |            | <b>TP</b> | 128 | 117 | 103 | 122 | 108 | 103 | 111 | 107 |
| 276000942279890 | <b>MANO</b>         | MANDELA   | EILIG *TA | Eu, 9, 6   | 07 |           |            |            | <b>TP</b> | 115 | 109 | 108 | 108 | 107 | 114 | 118 | 101 |
| 276000942036956 | <b>MANOLD</b>       | MANDL     | WEINOLD   | 3          | 07 |           | <b>FH2</b> |            |           | 107 | 102 | 104 | 104 | 105 | 83  | 103 | 106 |
| 276000938123748 | <b>MANOLO</b>       | MANDL     | RILKE     | 17         | 04 |           | <b>FH2</b> |            |           | 99  | 104 | 93  | 96  | 106 | 90  | 84  | 104 |
| 276000941689206 | <b>MANOMETER *T</b> | MANSO     | ROMEL (A) | Eu, 6, 9   | 06 |           | <b>FH2</b> |            |           | 104 | 90  | 114 | 118 | 111 | 116 | 96  | 113 |
| 276000941699231 | <b>MANORAMA *T</b>  | MANSO     | ROMEL (A) | Eu, 6, 9   | 07 |           | <b>FH2</b> |            |           | 105 | 104 | 99  | 104 | 114 | 108 | 97  | 105 |
| 276000941317814 | <b>MANOWAR *TA</b>  | MANSO     | WATERBERG | 10, A7     | 07 |           | <b>FH2</b> |            |           | 105 | 114 | 92  | 89  | 108 | 97  | 93  | 101 |
| 276000941627815 | <b>MANPOWER</b>     | MANSO     | STEGO     | Eu, 6      | 07 |           | <b>FH2</b> |            |           | 120 | 112 | 98  | 116 | 114 | 94  | 92  | 99  |
| 276000938723949 | <b>MANSARD</b>      | MANDL     | SAMURAI   | Eu, 6, 9   | 04 |           | <b>FH2</b> |            |           | 103 | 100 | 103 | 103 | 90  | 85  | 99  | 101 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                 | Vater      | MV          | Station    | J. | DW        | FH2        | ZDL        | TP        | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------------|------------|-------------|------------|----|-----------|------------|------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000934686820 | <b>MANSO</b>         | GS MALHAX  | HORST       | Eu, 6      | 01 |           | <b>FH2</b> |            |           | 104 | 106 | 103 | 96  | 111 | 106 | 86  | 100 |
| 276000941530265 | <b>MANSOLD</b>       | MANSO      | WEINOLD     | Eu, 6      | 07 |           | <b>FH2</b> |            |           | 120 | 115 | 110 | 106 | 114 | 92  | 95  | 110 |
| 276000938799602 | <b>MANSONI</b>       | MANDL      | SAMURAI     | 10, 16     | 04 |           | <b>FH2</b> |            |           | 98  | 88  | 107 | 111 | 86  | 103 | 95  | 94  |
| 276000813936549 | <b>MANSTROM</b>      | MANITOBA   | STROMOR     | Eu, 27     | 08 |           |            |            | <b>TP</b> | 103 | 98  | 102 | 109 | 107 | 96  | 100 | 107 |
| 040000240278307 | <b>MANTA</b>         | MAMMUT     | HAPP        | Eu, A3     | 04 |           | <b>FH2</b> |            |           | 82  | 99  | 82  | 77  | 93  | 83  | 94  | 104 |
| 276000942075514 | <b>MANTEL</b>        | MANDELA    | ENGADIN *TA | Eu, 6      | 07 |           |            |            | <b>TP</b> | 113 | 107 | 97  | 115 | 106 | 99  | 117 | 92  |
| 276000941517909 | <b>MANTRA</b>        | MANSO      | VENKOR      | Eu, 6      | 07 |           | <b>FH2</b> |            |           | 111 | 112 | 94  | 103 | 128 | 116 | 112 | 89  |
| 040000358404809 | <b>MANTUA</b>        | MANITOBA   | STRELLER    | Eu, A3, A5 | 08 |           |            |            | <b>TP</b> | 117 | 115 | 92  | 110 | 99  | 96  | 101 | 89  |
| 276000938153955 | <b>MANTUA</b>        | MANDL      | REPORT      | A1, 10, 17 | 03 |           | <b>FH2</b> |            |           | 113 | 110 | 106 | 102 | 104 | 113 | 91  | 99  |
| 276000941558964 | <b>MANUAL</b>        | MANSO      | SAFIR       | Eu, 6, 3   | 06 |           | <b>FH2</b> |            |           | 105 | 101 | 103 | 104 | 109 | 101 | 112 | 109 |
| 040000126570809 | <b>MANUS</b>         | MANSO      | WEINOLD     | Eu, A3, 6  | 07 |           | <b>FH2</b> |            |           | 120 | 106 | 108 | 125 | 92  | 100 | 94  | 100 |
| 276000938403544 | <b>MANUS</b>         | MANDL      | HORWART     | Eu, 6      | 04 |           | <b>FH2</b> |            |           | 86  | 91  | 105 | 83  | 94  | 117 | 99  | 86  |
| 276000943557972 | <b>MANVAN</b>        | MANDELA    | VANSTEIN    | Eu, 27     | 09 |           |            |            | <b>TP</b> | 123 | 115 | 106 | 114 | 95  | 110 | 116 | 107 |
| 276000937562713 | <b>MANZAN</b>        | MANDL      | ZASTER      | Eu, 6, 9   | 03 |           | <b>FH2</b> |            |           | 103 | 103 | 102 | 100 | 100 | 92  | 92  | 88  |
| 276000938844663 | <b>MANZOLA</b>       | MANDL      | WINZER      | Eu, 6, A3  | 04 |           |            |            | <b>TP</b> | 101 | 105 | 97  | 93  | 103 | 99  | 90  | 106 |
| 276000945585507 | <b>MAPPE</b>         | MADO       | WINNIPEG    | Eu, 6      | 10 |           |            |            | <b>TP</b> | 127 | 119 | 101 | 118 | 100 | 97  | 104 | 114 |
| 276000938127579 | <b>MARACANA</b>      | MANDL      | RANDY       | A1, 17     | 04 |           |            |            | <b>TP</b> | 106 | 115 | 89  | 90  | 104 | 87  | 104 | 113 |
| 276000932783488 | <b>MARADO</b>        | GS MALF    | RADON       | 17, A1, A7 | 99 |           | <b>FH2</b> |            |           | 90  | 100 | 91  | 88  | 93  | 106 | 108 | 98  |
| 276000937837829 | <b>MARAMBA</b>       | MADERA     | RAMBA       | Eu, A5     | 04 |           |            |            | <b>TP</b> | 95  | 99  | 90  | 95  | 104 | 95  | 98  | 103 |
| 276000812993547 | <b>MARAN</b>         | MARMARA    | RANDY       | 27         | 05 |           |            |            | <b>TP</b> | 92  | 101 | 82  | 93  | 97  | 108 | 101 | 106 |
| 276000938724617 | <b>MARANELLO</b>     | MADERA     | RAUBLING    | 10, 16     | 04 |           |            |            | <b>TP</b> | 102 | 95  | 110 | 106 | 106 | 96  | 95  | 110 |
| 040000608573945 | <b>MARAX</b>         | GS MALHAX  | JUPILER RED | Eu, 6      | 02 |           | <b>FH2</b> |            |           | 76  | 76  | 98  | 97  | 96  | 94  | 92  | 109 |
| 276000939478054 | <b>MARCEL</b>        | MERKUR     | STEGO       | 17         | 05 |           | <b>FH2</b> |            |           |     |     |     |     |     |     |     |     |
| 276000942892890 | <b>MARCELLO</b>      | MANITOBA   | PASSAU      | 17         | 08 |           | <b>FH2</b> |            |           | 117 | 120 | 97  | 100 | 102 | 102 | 113 | 87  |
| 276000946684480 | <b>MARDER</b>        | MARINO     | VANSTEIN    | Eu, 6, A3  | 11 |           |            |            | <b>TP</b> | 136 | 126 | 120 | 113 | 97  | 99  | 101 | 108 |
| 276000815124936 | <b>MAREGI</b>        | MANUAP     | REGIO       | Eu, 27     | 11 |           |            |            | <b>TP</b> | 126 | 116 | 97  | 131 | 102 | 101 | 111 | 120 |
| 276000935317918 | <b>MAREICH</b>       | MALEFIZ    | REPORT      | Eu, 6      | 01 |           |            |            | <b>TP</b> | 102 | 101 | 105 | 99  | 89  | 101 | 116 | 92  |
| 276000938681773 | <b>MARIBOR</b>       | MANDL      | RENOM       | 17         | 04 |           | <b>FH2</b> |            |           | 114 | 110 | 105 | 105 | 93  | 100 | 84  | 94  |
| 040000605702845 | <b>MARIO</b>         | GS MALHAX  | ELECTRO     | A7, A3, A1 | 01 |           | <b>FH2</b> |            |           | 98  | 95  | 93  | 108 | 119 | 91  | 91  | 109 |
| 276000938356219 | <b>MARIUS</b>        | MANDL      | GEBAL       | A1, A7, 17 | 04 |           | <b>FH2</b> |            |           | 109 | 102 | 102 | 114 | 96  | 99  | 87  | 98  |
| 040000631146844 | <b>MARK</b>          | GS MALF    | HANNES      | Eu, A3     | 97 |           | <b>FH2</b> |            |           | 70  | 78  | 88  | 89  | 109 | 99  | 107 | 108 |
| 040000476931447 | <b>MARKUS</b>        | MATREI     | TARTARS     | A7, A3, A1 | 02 |           |            | <b>ZDL</b> |           | 86  | 94  | 95  | 88  | 89  | 95  | 96  | 90  |
| 276000939753853 | <b>MARMOR</b>        | MARMARA    | WEINOX      | Eu, A3, A5 | 05 |           | <b>FH2</b> |            |           | 90  | 98  | 99  | 84  | 115 | 92  | 103 | 107 |
| 276000933991836 | <b>MAROBOD</b>       | MORROR     | RALBO       | 10, 16     | 00 |           |            |            | <b>TP</b> | 101 | 92  | 98  | 116 | 112 | 125 | 108 | 109 |
| 276000938088967 | <b>MAROX</b>         | MADERA     | ROMEL (A)   | Eu, A5     | 04 |           | <b>FH2</b> | <b>ZDL</b> |           | 89  | 98  | 97  | 85  | 110 | 90  | 97  | 89  |
| 276000941627785 | <b>MARSHAL</b>       | MANSO      | STEGO       | 17, 3      | 06 |           | <b>FH2</b> |            |           | 126 | 111 | 116 | 121 | 107 | 114 | 99  | 99  |
| 040000423418947 | <b>MARTIN</b>        | GS MALHAX  | L RUBY RED  | Eu, A3     | 02 |           | <b>FH2</b> |            |           | 98  | 110 | 89  | 87  | 117 | 82  | 102 | 101 |
| 276000939124008 | <b>MARTY</b>         | MARTL-DE   | RANDY       | 27         | 05 |           |            |            | <b>TP</b> | 110 | 107 | 92  | 112 | 104 | 94  | 97  | 104 |
| 276000939124010 | <b>MARVIN</b>        | MARTL-DE   | RANDY       | 3, 17      | 05 |           |            |            | <b>TP</b> | 111 | 107 | 95  | 109 | 114 | 100 | 101 | 105 |
| 276000942218413 | <b>MASCARA</b>       | MANITOBA   | ENGADIN *TA | 10, 16     | 08 |           |            |            | <b>TP</b> | 116 | 105 | 114 | 117 | 99  | 128 | 95  | 113 |
| 276000939567566 | <b>MASERU</b>        | MARMARA    | RANDY       | 10, 16     | 04 |           |            |            | <b>TP</b> | 103 | 104 | 92  | 103 | 98  | 100 | 107 | 105 |
| 040000959306372 | <b>MASSA</b>         | MAMMUT     | SAMURAI     | Eu, A8     | 04 |           | <b>FH2</b> |            |           | 100 | 101 | 100 | 97  | 106 | 106 | 96  | 104 |
| 276000937877050 | <b>MASSAI</b>        | MADERA     | BOSS        | 16, 10     | 04 |           | <b>FH2</b> |            |           | 110 | 111 | 89  | 108 | 107 | 93  | 106 | 96  |
| 040000106012647 | <b>MASTER</b>        | MATREI     | GS RUMSI    | A1, 10, 17 | 02 | <b>DW</b> |            |            |           | 90  | 96  | 99  | 91  | 99  | 94  | 94  | 93  |
| 276000919440738 | <b>MATREI</b>        | GS MALF    | STREITL     | 17, A1     | 95 |           |            | <b>ZDL</b> |           | 100 | 97  | 109 | 99  | 108 | 106 | 95  | 98  |
| 276000938895204 | <b>MATROSE</b>       | MANDL      | GS HARRO    | 17         | 04 |           | <b>FH2</b> |            |           | 114 | 113 | 126 | 89  | 99  | 89  | 106 | 86  |
| 276000939880585 | <b>MATTERHORN</b>    | MARTL-DE   | HODSON      | Eu, 6      | 05 |           |            |            | <b>TP</b> | 93  | 93  | 105 | 95  | 122 | 108 | 94  | 106 |
| 276000937335881 | <b>MATTHIAS</b>      | MANDL      | ROMEN       | 10, 16     | 03 |           | <b>FH2</b> |            |           | 110 | 106 | 103 | 105 | 102 | 94  | 99  | 101 |
| 040000175020372 | <b>MATULA</b>        | MANDL      | ZEPELIN     | Eu, A3     | 04 |           | <b>FH2</b> |            |           | 113 | 108 | 92  | 115 | 96  | 79  | 94  | 108 |
| 276000942423603 | <b>MAUI</b>          | MALINT     | RINSER      | 10, 16     | 07 |           |            |            | <b>TP</b> | 118 | 113 | 111 | 109 | 106 | 105 | 89  | 104 |
| 040000761121343 | <b>MAURER</b>        | MOSES      | SELM        |            | 75 | <b>DW</b> |            |            |           | 69  | 72  | 110 | 84  | 95  | 107 | 101 | 65  |
| 276000937803755 | <b>MAURER *TA</b>    | MADERA     | ROMEL (A)   | Eu, A3     | 03 |           | <b>FH2</b> |            |           | 95  | 90  | 108 | 102 | 92  | 93  | 98  | 99  |
| 276000946085985 | <b>MAURITIUS *TA</b> | MOMO       | GEBALOT     | 17         | 11 |           | <b>FH2</b> |            |           | 129 | 118 | 117 | 108 | 106 | 119 | 106 | 97  |
| 040000291951926 | <b>MAX</b>           | GS MALF    | PAUL        | Eu, A8     | 97 |           | <b>FH2</b> |            |           | 76  | 79  | 111 | 82  | 91  | 121 | 100 | 96  |
| 276000946720416 | <b>MAYOMA *TA</b>    | MERTIN *TA | HAMMER      | 10, 16     | 12 |           | <b>FH2</b> |            |           | 134 | 126 | 109 | 113 | 104 | 96  | 97  | 105 |
| 276000944615417 | <b>MAZEPPA *TA</b>   | MYTHOS     | GEBALOT     | 17         | 10 |           | <b>FH2</b> |            |           | 120 | 109 | 106 | 117 | 112 | 104 | 108 | 112 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                 | Vater      | MV        | Station    | J. | DW | FH2 | ZDL | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------------|------------|-----------|------------|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000942247578 | <b>MCDONALD</b>      | MALINT     | RAPID     | 10, 16     | 07 |    |     |     | TP | 112 | 112 | 105 | 102 | 99  | 115 | 104 | 95  |
| 040000379332516 | <b>MEDELIN</b>       | MANITOBA   | RUMBA     | Eu, A3     | 08 |    |     |     | TP | 117 | 113 | 100 | 113 | 102 | 106 | 99  | 96  |
| 276000945603890 | <b>MEGASTAR</b>      | MERCATOR   | WAL       | 16, 10     | 11 |    |     |     | TP | 125 | 117 | 109 | 114 | 91  | 108 | 105 | 98  |
| 040000627800344 | <b>MEISTER</b>       | GS MALF    | STREIF    | Eu, A3     | 97 |    | FH2 |     |    | 82  | 86  | 101 | 90  | 105 | 106 | 104 | 87  |
| 276000938942130 | <b>MELTON</b>        | MERKUR     | RAMBA     | 17         | 04 |    | FH2 |     |    | 101 | 107 | 88  | 95  | 99  | 101 | 96  | 91  |
| 040000875498445 | <b>MEMPHIS</b>       | MANDL      | RANDY     | 2          | 04 |    | FH2 |     | TP | 104 | 104 | 102 | 95  | 93  | 103 | 94  | 105 |
| 276000938400656 | <b>MENDEL</b>        | MERKUR     | SAMURAI   | 10, 16     | 04 |    | FH2 |     |    | 106 | 99  | 109 | 105 | 96  | 108 | 98  | 91  |
| 276000938844664 | <b>MENOX</b>         | MERKUR     | WEINOX    | 2          | 04 |    | FH2 |     |    | 90  | 91  | 106 | 90  | 107 | 110 | 94  | 92  |
| 040000550981719 | <b>MENTOR</b>        | MERTIN *TA | VANSTEIN  | Eu, A3     | 11 |    | FH2 |     |    | 133 | 130 | 99  | 115 | 110 | 85  | 100 | 99  |
| 276000933767399 | <b>MEPOR</b>         | MORROR     | REPORT    | Eu, 27     | 00 |    |     |     | TP | 98  | 99  | 102 | 97  | 121 | 107 | 106 | 110 |
| 276000937610691 | <b>MEPRO</b>         | MERKUR     | PROMO     | Eu, 9, 6   | 04 |    | FH2 |     | TP | 115 | 111 | 105 | 104 | 105 | 109 | 98  | 100 |
| 276000938870463 | <b>MERANO</b>        | MERKUR     | RANDY     | 10, 16     | 04 |    |     |     | TP | 102 | 105 | 91  | 98  | 101 | 98  | 99  | 103 |
| 276000939696548 | <b>MERCEDES</b>      | MERKUR     | ROCHEN    | 10         | 05 |    | FH2 |     |    | 108 | 103 | 109 | 101 | 105 | 111 | 111 | 88  |
| 276000938296656 | <b>MERCURY</b>       | MERKUR     | RANDY     | 16, 2, 10  | 04 |    |     |     | TP | 105 | 113 | 93  | 91  | 108 | 83  | 101 | 92  |
| 276000946112757 | <b>MERGO</b>         | MERTIN *TA | VANSTEIN  | Eu, 9      | 11 |    | FH2 |     |    | 133 | 127 | 108 | 116 | 94  | 101 | 102 | 107 |
| 276000946239981 | <b>MERIDIAN</b>      | MERTIN *TA | WEINOLD   | 2, 10      | 11 |    | FH2 |     |    | 136 | 124 | 109 | 127 | 102 | 100 | 104 | 111 |
| 276000938849165 | <b>MERINO</b>        | MERKUR     | WEINOX    | Eu, 6, A3  | 04 |    | FH2 |     |    | 87  | 91  | 103 | 85  | 97  | 105 | 113 | 99  |
| 276000938716438 | <b>MERITAN</b>       | MERKUR     | RALBIT    | Eu, 6, 9   | 04 |    | FH2 |     | TP | 112 | 100 | 104 | 120 | 104 | 107 | 99  | 100 |
| 276000939060330 | <b>MERITUM</b>       | MERKUR     | REGIO     | Eu, 6      | 04 |    | FH2 |     |    | 105 | 106 | 90  | 105 | 95  | 88  | 95  | 120 |
| 276000931196082 | <b>MERKUR</b>        | GS MALF    | RADON     | 16, AV, 10 | 98 |    | FH2 |     |    | 107 | 107 | 97  | 102 | 96  | 101 | 106 | 94  |
| 276000938980346 | <b>MERLO</b>         | MERKUR     | RANDY     | A1, 17     | 04 |    | FH2 |     | TP | 104 | 108 | 100 | 92  | 106 | 97  | 93  | 89  |
| 276000946556086 | <b>MERNA</b>         | MERTIN *TA | RUAKANA   | Eu, 9      | 11 |    | FH2 |     |    | 133 | 129 | 100 | 114 | 110 | 93  | 107 | 102 |
| 276000938510037 | <b>MEROM *TA</b>     | MERKUR     | ROMEL (A) | Eu, 6      | 04 |    | FH2 |     |    | 98  | 102 | 102 | 90  | 88  | 98  | 105 | 89  |
| 276000938895304 | <b>MERTIN *TA</b>    | MERKUR     | ROCHEN    | Eu, 6      | 04 |    | FH2 |     |    | 131 | 124 | 96  | 119 | 102 | 93  | 104 | 102 |
| 276000939321227 | <b>MERUL</b>         | MERKUR     | REPULS    | Eu, 6, 17  | 04 |    | FH2 |     |    | 103 | 104 | 91  | 103 | 101 | 87  | 98  | 95  |
| 276000946040739 | <b>MESSALINA</b>     | MERTIN *TA | VOGEL *TA | Eu, 6, A5  | 11 |    | FH2 |     |    | 129 | 125 | 96  | 120 | 91  | 100 | 99  | 110 |
| 276000931353615 | <b>MESSER</b>        | GS MALF    | STRESS    | 17, A1, A7 | 98 |    |     |     | TP | 77  | 80  | 106 | 87  | 111 | 118 | 103 | 85  |
| 276000945968320 | <b>MESSIAS</b>       | MERTIN *TA | ROUND UP  | Eu, 6, 99  | 11 |    |     |     | TP | 126 | 126 | 100 | 105 | 110 | 94  | 108 | 103 |
| 276000941587823 | <b>MESSKIRCH</b>     | MANSO      | REGIO     | 10, 16     | 07 |    | FH2 |     | TP | 106 | 102 | 107 | 106 | 100 | 112 | 93  | 116 |
| 276000946242387 | <b>MESSKNOPF *T</b>  | MERTIN *TA | IMPOSIUM  | Eu, 6      | 12 |    | FH2 |     |    | 133 | 133 | 98  | 108 | 102 | 91  | 98  | 109 |
| 276000945970080 | <b>MESSLATTE</b>     | MERTIN *TA | SAMUT     | Eu, 6, 9   | 11 |    | FH2 |     |    | 135 | 120 | 98  | 137 | 100 | 103 | 117 | 113 |
| 276000946170983 | <b>MESSLATTN</b>     | MERTIN *TA | GS RUMGO  | Eu, 6, 27  | 11 |    | FH2 |     |    | 137 | 128 | 94  | 129 | 112 | 100 | 106 | 108 |
| 276000945657795 | <b>MESUNDORMA</b>    | MERTIN *TA | MANDELA   | Eu, 6      | 11 |    | FH2 |     |    | 123 | 118 | 98  | 115 | 105 | 95  | 106 | 105 |
| 040000379803742 | <b>METABO</b>        | MONTEGO    | REPORT    | AV, 10, 16 | 00 |    | FH2 |     |    | 79  | 88  | 93  | 87  | 92  | 97  | 99  | 79  |
| 276000943465083 | <b>METABO *TA</b>    | MANITOBA   | ROMEL (A) | 3          | 09 |    |     |     | TP | 126 | 114 | 104 | 126 | 110 | 110 | 116 | 108 |
| 276000937607874 | <b>METRO</b>         | MISTER     | WINZER    | 17, 3, 9   | 03 |    | FH2 |     | TP | 103 | 95  | 97  | 116 | 107 | 114 | 97  | 103 |
| 040000538207209 | <b>METTERNICH *T</b> | MORIS      | RANDY     | Eu, A5, A3 | 06 | DW |     |     |    | 88  | 98  | 87  | 89  | 105 | 86  | 101 | 105 |
| 276000946723438 | <b>MEXIKANER *TA</b> | MERTIN *TA | MANITOBA  | 3          | 12 |    | FH2 |     |    | 135 | 130 | 94  | 121 | 118 | 96  | 104 | 111 |
| 276000938088932 | <b>MEZZO</b>         | MANDL      | ROMEN     | A1, 17, 3  | 03 |    | FH2 |     |    | 104 | 96  | 104 | 112 | 83  | 93  | 115 | 90  |
| 276000939236368 | <b>MIAMI</b>         | MERKUR     | REGIO     | 2          | 05 |    | FH2 |     | TP | 109 | 100 | 108 | 111 | 90  | 106 | 108 | 97  |
| 276000938611261 | <b>MIAMI</b>         | MERKUR     | SAMURAI   | 10, 16     | 04 |    | FH2 |     |    | 105 | 100 | 102 | 108 | 93  | 106 | 106 | 93  |
| 276000937890048 | <b>MIKADO</b>        | MISTER     | STEGO     | A1, 17     | 03 |    | FH2 | ZDL |    | 95  | 92  | 103 | 101 | 97  | 121 | 94  | 95  |
| 040000569880171 | <b>MILAN</b>         | GS MALF    | TONTO RED | Eu, A5, 17 | 95 |    | FH2 |     |    | 91  | 89  | 86  | 110 | 100 | 102 | 101 | 106 |
| 276000938084535 | <b>MILANO</b>        | MANDL      | ROMEN     | 10, AV, 16 | 03 |    | FH2 |     |    | 114 | 102 | 110 | 116 | 105 | 87  | 110 | 102 |
| 040000280578519 | <b>MILOSZ</b>        | GS MG      | ILION     | Eu, A3     | 11 |    |     |     | TP | 126 | 117 | 106 | 116 | 108 | 101 | 110 | 112 |
| 040000603099614 | <b>MINDIRA</b>       | MALINT     | GS MALF   | A1, 10     | 07 |    | FH2 |     |    | 103 | 110 | 86  | 99  | 112 | 89  | 104 | 108 |
| 276000938153941 | <b>MINZE</b>         | MISTER     | HORWART   | Eu, 6, 9   | 03 |    |     | ZDL |    | 102 | 104 | 85  | 104 | 102 | 97  | 99  | 106 |
| 276000937579898 | <b>MIRCO</b>         | MISTER     | RENNER    | 3, 10, 17  | 04 |    | FH2 |     |    | 119 | 111 | 113 | 108 | 110 | 103 | 102 | 105 |
| 040000549747445 | <b>MIRNIG</b>        | MATREI     | GS WAX    | Eu, A8, A3 | 02 |    |     | ZDL |    | 97  | 85  | 112 | 112 | 112 | 112 | 102 | 94  |
| 276000939087938 | <b>MISOL</b>         | MISTER     | HORB      | Eu, 6      | 04 |    | FH2 | ZDL |    | 95  | 94  | 91  | 106 | 96  | 102 | 103 | 102 |
| 276000937891773 | <b>MISPAN</b>        | MISTER     | PASS      | Eu, 6      | 03 |    |     | ZDL |    | 95  | 98  | 95  | 96  | 86  | 102 | 89  | 102 |
| 276000919709877 | <b>MISTER</b>        | GS MALF    | STREITL   | 17         | 96 |    | FH2 | ZDL |    | 92  | 91  | 97  | 102 | 107 | 114 | 94  | 99  |
| 276000937927603 | <b>MISTOR</b>        | MISTER     | HAGTOR    | Eu, 9      | 03 |    |     | ZDL |    | 92  | 92  | 89  | 105 | 100 | 113 | 88  | 100 |
| 276000938301404 | <b>MISTRAL</b>       | MISTER     | RAIDER    | A1, A7, 17 | 04 |    | FH2 |     |    | 82  | 77  | 97  | 105 | 99  | 103 | 98  | 95  |
| 040000603564644 | <b>MODELLO</b>       | GS MOREIF  | LOHR      | Eu, A3     | 96 | DW |     |     |    | 72  | 74  | 95  | 94  | 87  | 99  | 92  | 88  |
| 040000964221947 | <b>MOGLI</b>         | GS MALHAX  | GS MOREIF | A1, A3, A5 | 02 |    | FH2 |     |    | 92  | 99  | 95  | 89  | 107 | 76  | 82  | 108 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name               | Vater      | MV        | Station    | J. | DW | FH2 | ZDL | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|--------------------|------------|-----------|------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000933371096 | <b>MOLBO</b>       | MORROR     | RALBO     | Eu, 27     | 00 |    |     |     | TP  | 104 | 103 | 86  | 110 | 95  | 105 | 117 | 98  |
| 276000937957514 | <b>MOLDAU</b>      | MISTER     | GS TAFTL  | A1, A7, 17 | 04 |    | FH2 |     |     | 91  | 87  | 98  | 105 | 94  | 111 | 109 | 97  |
| 276000974540234 | <b>MOMBASA</b>     | MANSO      | REGIO     | 10, 16     | 06 |    | FH2 |     | TP  | 115 | 116 | 104 | 98  | 105 | 104 | 87  | 105 |
| 276000938595455 | <b>MOMO</b>        | MANDL      | HORST     | 17, 3      | 04 |    | FH2 |     |     | 115 | 108 | 106 | 111 | 101 | 110 | 102 | 103 |
| 276000938189972 | <b>MON DIEU</b>    | MISTER     | ROMEN     | 10, 9, 17  | 03 |    | FH2 |     |     | 84  | 78  | 88  | 114 | 93  | 103 | 100 | 104 |
| 276000937992845 | <b>MONAMOUR</b>    | MISTER     | HONSAM    | A1, A7, 10 | 03 |    |     | ZDL |     | 107 | 108 | 88  | 105 | 99  | 98  | 92  | 93  |
| 040000259734607 | <b>MONARCH</b>     | MAMMUT     | REPULS    | Eu, A3     | 04 |    | FH2 |     |     | 96  | 98  | 95  | 99  | 97  | 93  | 100 | 99  |
| 276000938794027 | <b>MONASHOK</b>    | MERKUR     | SAMURAI   | 10, 16     | 04 |    | FH2 |     |     | 103 | 107 | 95  | 95  | 93  | 99  | 105 | 96  |
| 040000276624545 | <b>MONDSEE</b>     | GS MALHAX  | STREITL   | AV, 10, 16 | 00 |    | FH2 |     |     | 71  | 72  | 101 | 92  | 129 | 110 | 90  | 93  |
| 276000946161699 | <b>MONDSEE *TA</b> | MONDLICHT  | GS RUMGO  | Eu, 6      | 11 |    |     |     | TP  | 129 | 122 | 104 | 114 | 105 | 90  | 105 | 106 |
| 276000939087944 | <b>MONDSTEIN</b>   | MISTER     | HORB      | A1, A7, 10 | 04 |    | FH2 | ZDL |     | 89  | 96  | 95  | 90  | 101 | 110 | 108 | 88  |
| 276000937192999 | <b>MONET *TA</b>   | MISTER     | REXON (A) | 10         | 03 |    | FH2 | ZDL |     | 83  | 87  | 87  | 98  | 89  | 96  | 94  | 89  |
| 276000947407093 | <b>MONSTER</b>     | GS MG      | GS HUMLAU | 3          | 12 |    | FH2 |     |     | 136 | 128 | 110 | 118 | 102 | 93  | 106 | 114 |
| 276000940985729 | <b>MONTBLANC</b>   | MANSO      | ROCHEN    | 10, 16     | 06 |    |     | ZDL |     | 102 | 107 | 91  | 98  | 102 | 103 | 97  | 93  |
| 276000934192970 | <b>MONTE</b>       | MORROR     | REPORT    | 2          | 00 |    |     |     | TP  | 116 | 102 | 97  | 128 | 110 | 115 | 126 | 119 |
| 276000912595947 | <b>MONTEGO</b>     | GS MALF    | HORB      | 10, 16     | 96 |    | FH2 |     |     | 102 | 93  | 99  | 118 | 108 | 109 | 99  | 100 |
| 276000934897635 | <b>MONTEREY</b>    | MANAGER    | STEGO     | 10, 16     | 01 |    | FH2 |     |     | 97  | 93  | 110 | 104 | 95  | 126 | 88  | 91  |
| 276000933651617 | <b>MOOR</b>        | MORROR     | RALBO     | 10         | 00 |    |     |     | TP  | 103 | 85  | 124 | 117 | 97  | 124 | 107 | 105 |
| 276000941250732 | <b>MORAVIA</b>     | MANITOBA   | MERKUR    | 10, 16     | 07 |    | FH2 |     |     | 122 | 111 | 119 | 108 | 122 | 113 | 106 | 103 |
| 276000813551539 | <b>MORBAN</b>      | MORBO      | RANDY     | Eu, 27     | 07 |    |     |     | TP  | 108 | 109 | 101 | 98  | 110 | 106 | 90  | 95  |
| 276000941791412 | <b>MORBASS</b>     | MORBO      | REGIO     | 3, 17      | 07 |    |     |     | TP  | 103 | 103 | 109 | 92  | 106 | 111 | 111 | 112 |
| 276000945754222 | <b>MORDOR *TA</b>  | MERCATOR   | RANDY     | 10, 16     | 11 |    |     |     | TP  | 125 | 120 | 107 | 109 | 101 | 94  | 107 | 97  |
| 276000944675946 | <b>MORDSTYP</b>    | MANDOR     | WINNIPEG  | Eu, 6, 9   | 10 |    | FH2 |     |     | 116 | 118 | 95  | 101 | 94  | 95  | 93  | 103 |
| 276000812602053 | <b>MORDY</b>       | MORROR     | RANDY     | 27         | 03 |    |     |     | TP  |     |     |     |     |     |     |     |     |
| 276000941871012 | <b>MORGAN</b>      | MORBO      | RENTAR    | 2          | 07 |    |     |     | TP  | 107 | 114 | 91  | 95  | 95  | 100 | 110 | 90  |
| 276000941791403 | <b>MORGANIT</b>    | MORBO      | REGIO     | A1, A7, 10 | 07 |    |     |     | TP  | 101 | 109 | 94  | 88  | 102 | 100 | 110 | 108 |
| 276000937482359 | <b>MORGENSTER</b>  | MANDL      | WEINOX    | A1, A7, 10 | 03 |    | FH2 |     |     | 102 | 98  | 104 | 105 | 88  | 93  | 104 | 108 |
| 276000933767398 | <b>MORILL</b>      | MORROR     | REPORT    | Eu, 6      | 00 |    |     |     | TP  | 87  | 88  | 95  | 100 | 114 | 106 | 108 | 104 |
| 040000764100847 | <b>MORITZ</b>      | MUFTI      | BOSS      | Eu, A3, A5 | 02 |    |     |     | TP? | 96  | 103 | 104 | 84  | 108 | 111 | 101 | 92  |
| 040000627000444 | <b>MORO</b>        | GS MOREIF  | HORROR    | Eu, A3     | 97 | DW |     |     |     | 86  | 79  | 97  | 110 | 87  | 91  | 85  | 108 |
| 040000618767957 | <b>MORO</b>        | MAURUS     | PATRON    | A7         | 94 | DW |     |     |     | 84  | 84  | 107 | 93  | 99  | 104 | 110 | 87  |
| 276000933371095 | <b>MORS</b>        | MORROR     | RALBO     | Eu, 6      | 00 |    |     |     | TP  | 108 | 99  | 100 | 117 | 94  | 108 | 109 | 104 |
| 276000938837308 | <b>MOSI</b>        | MISTER     | HORWEIN   | 10, 16     | 04 |    |     | ZDL | TP  | 109 | 101 | 99  | 116 | 102 | 100 | 84  | 92  |
| 276000941457522 | <b>MOTION</b>      | MORBO      | RANDY     | 10         | 06 |    |     |     | TP  | 90  | 103 | 88  | 82  | 100 | 101 | 97  | 85  |
| 040000129543822 | <b>MOZART - ET</b> | MYTHOS     | VANSTEIN  | Eu, A3, 6  | 12 |    |     |     | TP  | 131 | 120 | 119 | 113 | 116 | 107 | 108 | 110 |
| 276000934827046 | <b>MR BEAN</b>     | MANAGER    | ROMEN     | 10, AV, 16 | 01 |    | FH2 | ZDL |     | 108 | 99  | 108 | 112 | 97  | 102 | 106 | 115 |
| 276000945706189 | <b>MUCHACHA</b>    | MURMEL *TA | WAL       | Eu, 6, 9   | 11 |    | FH2 |     | TP  | 134 | 126 | 110 | 112 | 106 | 108 | 106 | 106 |
| 040000569850471 | <b>MUFTI</b>       | GS MALF    | DIRAN     | Eu, A5     | 95 |    |     |     | TP  | 97  | 85  | 113 | 113 | 103 | 106 | 109 | 94  |
| 276000945585511 | <b>MUHKUH</b>      | MURMEL *TA | WINNIPEG  | Eu, 6      | 10 |    | FH2 |     | TP  | 124 | 122 | 114 | 96  | 96  | 105 | 108 | 101 |
| 040000946728934 | <b>MULLER</b>      | GS MALF    | TANO RED  | A1, 10, 17 | 99 |    | FH2 |     |     | 94  | 99  | 79  | 103 | 114 | 99  | 114 | 115 |
| 276000939417667 | <b>MURAI</b>       | MERKUR     | SAMURAI   | Eu, 27     | 05 |    |     |     | TP  | 119 | 123 | 95  | 99  | 99  | 95  | 94  | 98  |
| 276000942900282 | <b>MURIEL</b>      | MANITOBA   | RANDY     | 17, A1, 3  | 08 |    |     |     | TP  | 110 | 105 | 93  | 115 | 108 | 116 | 106 | 106 |
| 276000938892760 | <b>MURMEL *TA</b>  | MERKUR     | ROMEL (A) | Eu, 9      | 04 |    | FH2 |     |     | 113 | 110 | 107 | 101 | 94  | 105 | 110 | 110 |
| 276000941692847 | <b>MURULA</b>      | MOROLD     | RUMBA     | Eu, 6      | 07 |    |     |     | TP  | 96  | 93  | 106 | 103 | 99  | 114 | 107 | 95  |
| 276000944468237 | <b>MYSTIK</b>      | MALFIR     | HUTMANN   | Eu, 6, A3  | 09 |    |     |     | TP  | 119 | 112 | 99  | 118 | 99  | 102 | 100 | 103 |
| 276000938844667 | <b>MYTHOS</b>      | MANDL      | WINZER    | A1, A7, 10 | 04 |    | FH2 |     |     | 118 | 108 | 115 | 110 | 121 | 109 | 99  | 102 |
| 276000944495334 | <b>NAPOLEON</b>    | NARR *TA   | VANSTEIN  | 2          | 09 |    |     |     | TP  | 125 | 122 | 103 | 113 | 98  | 113 | 110 | 106 |
| 276000944488626 | <b>NARRO</b>       | NARR *TA   | GEBALOT   | Eu, 9      | 10 |    |     |     | TP  | 126 | 125 | 111 | 99  | 102 | 111 | 109 | 94  |
| 276000943935242 | <b>NIAGARA</b>     | NARR *TA   | VANSTEIN  | Eu, 6, 9   | 09 |    |     |     | TP  | 126 | 118 | 99  | 123 | 92  | 109 | 114 | 118 |
| 276000974594510 | <b>NILS *TA</b>    | NARR *TA   | EILIG *TA | Eu, 6      | 10 |    |     |     | TP  | 118 | 115 | 96  | 115 | 98  | 101 | 111 | 110 |
| 276000810629454 | <b>NOHARR</b>      | REXON (A)  | HORROR    | Eu, 27     | 97 | DW |     |     |     | 101 | 103 | 86  | 106 | 102 | 90  | 106 | 99  |
| 276000944009542 | <b>OBBERFRANK</b>  | HUPSOL     | WEINOLD   | Eu, 6      | 09 |    |     |     | TP  | 126 | 107 | 112 | 133 | 93  | 93  | 109 | 114 |
| 276000932407970 | <b>OBBERST</b>     | RENNMER    | HORST     | 2, 10      | 98 |    |     |     | TP  | 85  | 87  | 97  | 97  | 93  | 114 | 101 | 64  |
| 276000944002955 | <b>OBLIGAT</b>     | HUPSOL     | HAGTOR    | Eu, 6      | 09 |    |     |     | TP  | 109 | 97  | 113 | 117 | 93  | 97  | 96  | 114 |
| 276000944339577 | <b>OBOND</b>       | HUPSOL     | VANSTEIN  | Eu, 6, 9   | 09 |    |     |     | TP  | 123 | 108 | 109 | 128 | 96  | 97  | 91  | 119 |
| 276000810891902 | <b>OCKER</b>       | RENNMER    | ROMEN     | 27         | 98 |    |     |     | TP  | 86  | 88  | 101 | 96  | 101 | 93  | 99  | 104 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                | Vater       | MV        | Station    | J. | DW         | FH2        | ZDL         | TP        | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|---------------------|-------------|-----------|------------|----|------------|------------|-------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000974585238 | <b>OEZIL</b>        | HUPSOL      | WINNIPEG  | 3          | 09 |            | <b>FH2</b> |             |           | 117 | 98  | 105 | 136 | 92  | 105 | 98  | 114 |
| 276000815023862 | <b>OFEIN</b>        | OFIR        | VANSTEIN  | Eu, 27     | 11 |            |            |             | <b>TP</b> | 133 | 126 | 104 | 121 | 95  | 98  | 99  | 116 |
| 040000123447217 | <b>OLANDO</b>       | HUPSOL      | VANSTEIN  | Eu, A3     | 09 |            |            |             | <b>TP</b> | 118 | 106 | 98  | 127 | 97  | 101 | 101 | 117 |
| 276000811113182 | <b>OLB</b>          | RENNMER     | HOLB      | 27         | 98 |            |            |             | <b>TP</b> | 84  | 82  | 90  | 110 | 91  | 102 | 105 | 95  |
| 276000974588353 | <b>OLSTEIN</b>      | HUPSOL      | VANSTEIN  | 3, 6       | 09 |            |            |             | <b>TP</b> | 123 | 104 | 113 | 134 | 101 | 96  | 113 | 125 |
| 276000810660505 | <b>OMBI</b>         | RENNMER     | BAMBI     | 27         | 98 |            |            |             | <b>TP</b> | 81  | 80  | 105 | 93  | 98  | 90  | 91  | 96  |
| 040000326994617 | <b>OMEGA</b>        | HUPSOL      | WEINOLD   | Eu, A5, 6  | 09 | <b>DW</b>  |            |             |           | 129 | 119 | 101 | 120 | 102 | 79  | 103 | 121 |
| 276000944297550 | <b>OPIUM</b>        | HUPSOL      | RANDY     | 2          | 09 |            |            |             | <b>TP</b> | 122 | 116 | 108 | 110 | 103 | 100 | 100 | 113 |
| 276000932584248 | <b>ORAKEL</b>       | RENNMER     | HAXENT    | 10, 16     | 99 |            |            |             | <b>TP</b> | 82  | 84  | 92  | 99  | 94  | 93  | 98  | 86  |
| 276000811358382 | <b>OREITL</b>       | RENNMER     | STREITL   | 27         | 99 |            |            |             | <b>TP</b> | 95  | 94  | 112 | 96  | 101 | 96  | 91  | 93  |
| 276000811105838 | <b>ORPHEUS</b>      | RENNMER     | HORKAN    | 27         | 98 |            |            |             | <b>TP</b> | 80  | 91  | 108 | 73  | 94  | 97  | 86  | 81  |
| 276000944491163 | <b>ORTWIN</b>       | HUPSOL      | VANSTEIN  | 3          | 09 |            |            |             | <b>TP</b> | 111 | 99  | 113 | 114 | 113 | 104 | 97  | 108 |
| 276000943925281 | <b>OSTIA</b>        | HUASCARAN   | ZAHNER    | Eu, 6      | 09 |            |            |             | <b>TP</b> | 117 | 111 | 112 | 112 | 88  | 111 | 111 | 104 |
| 276000810847461 | <b>OSTRO</b>        | RENNMER     | STROLCH   | 27         | 98 |            |            |             | <b>TP</b> | 77  | 85  | 98  | 84  | 99  | 104 | 101 | 94  |
| 276000811358381 | <b>OTL</b>          | RENNMER     | STREITL   | 27         | 99 |            |            |             | <b>TP</b> | 85  | 84  | 105 | 97  | 94  | 98  | 86  | 97  |
| 276000811058319 | <b>OTTMAR</b>       | RENNMER     | HORRALBO  | 27         | 98 |            |            |             | <b>TP</b> | 84  | 87  | 77  | 110 | 86  | 94  | 103 | 104 |
| 276000945114672 | <b>OVERBERG *TA</b> | HUPSOL      | REITER    | 10, 16     | 10 |            |            | <b>ZDL</b>  |           | 131 | 111 | 109 | 137 | 87  | 94  | 105 | 119 |
| 276000811228881 | <b>OZAX</b>         | RENNMER     | ZAX       | 27         | 98 |            |            |             | <b>TP</b> | 69  | 83  | 83  | 82  | 93  | 95  | 91  | 89  |
| 040000141270944 | <b>PABST</b>        | PROTUS      | HAMLET    |            | 83 | <b>DW?</b> |            |             |           | 58  | 60  | 100 | 92  | 91  | 124 | 92  | 84  |
| 040000414078644 | <b>PALBO</b>        | PASTA       | MOFFO     | Eu, A3     | 91 | <b>DW</b>  |            |             |           | 91  | 86  | 124 | 93  | 114 | 132 | 94  | 79  |
| 040000159937972 | <b>PALZER</b>       | POLDI       | REPORT    | A1, 17, 10 | 03 |            |            |             | <b>TP</b> | 86  | 103 | 84  | 76  | 112 | 73  | 106 | 82  |
| 276000928459058 | <b>PAMAX</b>        | PAMINO      | HAXL      | A1         | 79 |            |            |             | <b>TP</b> | 68  | 60  | 101 | 108 | 107 | 111 | 94  | 102 |
| 276000942072046 | <b>PAMIRO</b>       | PHILIPPO    | SAFIR     | 10, 16     | 07 |            |            |             | <b>TP</b> | 91  | 96  | 100 | 90  | 100 | 111 | 88  | 88  |
| 040000237329872 | <b>PANDUR</b>       | POLDI       | GS MALHAX | AV, 10, 16 | 03 |            | <b>FH2</b> |             |           | 89  | 85  | 95  | 109 | 121 | 101 | 107 | 100 |
| 276000937033659 | <b>PANTHEON</b>     | POLDI       | LOTUS     | 10, 16     | 03 |            |            | <b>ZDL?</b> |           | 102 | 96  | 89  | 117 | 106 | 109 | 96  | 98  |
| 276000943786514 | <b>PAOLO</b>        | GS POLARI   | VANSTEIN  | 17         | 09 |            |            |             | <b>TP</b> | 117 | 109 | 104 | 116 | 108 | 92  | 108 | 100 |
| 276000943044451 | <b>PARADEISER</b>   | PONIT       | RUBEL     | 10, 16     | 08 |            |            |             | <b>TP</b> | 99  | 94  | 87  | 118 | 99  | 94  | 97  | 101 |
| 040000276621245 | <b>PARZIVAL</b>     | PROMO       | HARKO     | AV, 10, 16 | 00 |            | <b>FH2</b> |             |           | 80  | 87  | 82  | 96  | 95  | 121 | 93  | 73  |
| 276000934645042 | <b>PASO</b>         | PASS        | REDER     | Eu, 6      | 00 |            | <b>FH2</b> |             |           | 71  | 87  | 79  | 77  | 84  | 99  | 104 | 87  |
| 276000664013421 | <b>PASS</b>         | PONEZ       | HANSEN    | 17, 10     | 94 |            | <b>FH2</b> |             |           | 84  | 96  | 88  | 83  | 87  | 86  | 97  | 87  |
| 040000442677144 | <b>PASSAT</b>       | PASTA       | HANNES    |            | 92 | <b>DW</b>  |            |             |           | 66  | 60  | 91  | 111 | 95  | 122 | 93  | 84  |
| 276000934014230 | <b>PASSAU</b>       | PASS        | HORR      | 17, A1, A7 | 00 |            | <b>FH2</b> |             |           | 87  | 105 | 84  | 75  | 93  | 86  | 107 | 74  |
| 040000148166844 | <b>PASTA</b>        | PARIS       | PATRON    |            | 84 | <b>DW</b>  |            |             |           | 80  | 73  | 110 | 105 | 112 | 128 | 94  | 88  |
| 040000581591757 | <b>PASTOR</b>       | PASTA       | PERK      | A7         | 92 | <b>DW</b>  |            |             |           | 76  | 73  | 101 | 98  | 102 | 128 | 92  | 87  |
| 040000438221144 | <b>PASTOR</b>       | PASTA       | SALAMON   |            | 92 | <b>DW</b>  |            |             |           | 75  | 67  | 106 | 104 | 107 | 126 | 89  | 78  |
| 040000448943644 | <b>PATRICK</b>      | PASTA       | MORELLO   |            | 92 | <b>DW</b>  |            |             |           | 73  | 67  | 105 | 102 | 114 | 125 | 99  | 95  |
| 040000645520446 | <b>PATRIK</b>       | PONIR       | MAGNET    | Eu, A3     | 96 | <b>DW</b>  |            |             |           | 80  | 82  | 98  | 95  | 114 | 105 | 93  | 67  |
| 040000344196346 | <b>PATRON</b>       | PRONCO      | PATRON    |            | 81 | <b>DW</b>  |            |             |           | 73  | 68  | 108 | 100 | 102 | 114 | 102 | 78  |
| 040000856614772 | <b>PAUL</b>         | PONGO       | JOKER-RED | Eu, A3     | 03 |            | <b>FH2</b> |             |           | 101 | 96  | 98  | 110 | 103 | 91  | 111 | 108 |
| 276000937391789 | <b>PAULUS</b>       | POLDI       | STEGO     | 17         | 03 |            | <b>FH2</b> |             |           | 93  | 98  | 96  | 94  | 105 | 90  | 90  | 98  |
| 040000310784144 | <b>PERON</b>        | PATRON      | METEOR    |            | 89 | <b>DW</b>  |            |             |           | 69  | 76  | 109 | 80  | 87  | 101 | 98  | 72  |
| 276000944348315 | <b>PHOENIX *TA</b>  | GS POMAT    | ROCHEN    | 10, 16     | 09 |            |            | <b>ZDL</b>  |           | 124 | 116 | 115 | 109 | 111 | 102 | 92  | 98  |
| 276000935536813 | <b>PIANO</b>        | PLACIDO     | REPORT    | 3          | 01 |            |            |             | <b>TP</b> | 93  | 94  | 98  | 100 | 99  | 101 | 95  | 86  |
| 040000384252933 | <b>PICO</b>         | POSTNER     | ZEUS      | A1, 17, 10 | 96 |            | <b>FH2</b> |             |           | 89  | 87  | 91  | 106 | 100 | 97  | 109 | 93  |
| 276000939970847 | <b>PILIG</b>        | PILUM       | EILIG *TA | Eu, 9      | 05 |            | <b>FH2</b> |             |           | 100 | 106 | 87  | 99  | 91  | 99  | 91  | 92  |
| 276000930891727 | <b>PILUM</b>        | PROMO       | REPORT    | Eu, 6, 9   | 98 |            | <b>FH2</b> |             |           | 102 | 114 | 93  | 83  | 97  | 101 | 105 | 84  |
| 276000919676602 | <b>PIROL</b>        | PROPELLER   | BIRN      | 17, 10, 9  | 95 |            | <b>FH2</b> |             |           | 72  | 79  | 83  | 95  | 89  | 98  | 92  | 83  |
| 276000930958793 | <b>PIRSCH</b>       | PROMO       | HORB      | Eu, 6      | 98 |            | <b>FH2</b> |             |           | 79  | 87  | 97  | 83  | 92  | 105 | 92  | 91  |
| 276000936679313 | <b>PLACIDI</b>      | PLACIDO     | GS DIDI   | 10, 17     | 03 |            | <b>FH2</b> |             |           | 97  | 95  | 98  | 104 | 96  | 117 | 108 | 87  |
| 276000931214251 | <b>PLASTERIX</b>    | PLACO       | ZEUS      | 3          | 97 |            | <b>FH2</b> |             |           | 92  | 84  | 111 | 104 | 97  | 119 | 95  | 107 |
| 276000941474648 | <b>PLAUTUS</b>      | PLANNER     | RANDY     | Eu, 6, 9   | 07 |            |            |             | <b>TP</b> | 97  | 92  | 108 | 104 | 100 | 102 | 100 | 95  |
| 040000474036866 | <b>PLUTO</b>        | POLDI       | HARTER    | Eu, A8     | 92 |            |            |             | <b>TP</b> | 68  | 63  | 109 | 98  | 99  | 119 | 99  | 87  |
| 276000941832338 | <b>PODMAN PS</b>    | PODOLSKI Pp | MANDL     | 17, A7     | 07 |            | <b>FH2</b> | <b>ZDL</b>  |           | 106 | 106 | 96  | 105 | 95  | 94  | 101 | 99  |
| 276000938895218 | <b>PODOLSKI Pp</b>  | PRIOR P     | REPORT    | 17, A7     | 04 |            |            | <b>ZDL</b>  |           | 102 | 100 | 104 | 103 | 99  | 94  | 94  | 100 |
| 040000211834507 | <b>POEM</b>         | POLDI       | RANDY     | A1, A7     | 03 |            | <b>FH2</b> |             |           | 89  | 101 | 88  | 84  | 111 | 108 | 98  | 82  |
| 276000944338516 | <b>POET</b>         | GS POLARI   | ZAHNER    | Eu, A3, 6  | 09 |            |            |             | <b>TP</b> | 109 | 107 | 88  | 117 | 103 | 91  | 109 | 100 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name              | Vater      | MV        | Station    | J. | DW | FH2 | ZDL | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-------------------|------------|-----------|------------|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000935892433 | <b>POLAND</b>     | POLDI      | REMONT    | 10         | 02 |    |     |     | TP | 101 | 107 | 101 | 89  | 102 | 79  | 103 | 99  |
| 040000882762534 | <b>POLAR</b>      | POSTNER    | DOLLAR    | A1, A7, 17 | 98 | DW |     |     |    | 71  | 84  | 85  | 82  | 122 | 94  | 103 | 83  |
| 040000223480348 | <b>POLDI</b>      | PALONI     | SALAMON   |            | 84 |    |     |     | TP | 69  | 64  | 103 | 103 | 100 | 121 | 102 | 77  |
| 040000699089646 | <b>POLO</b>       | POSTNER    | STRAUB    |            | 97 |    | FH2 |     |    | 66  | 74  | 100 | 80  | 114 | 110 | 100 | 74  |
| 276000937638989 | <b>POMAL</b>      | POLDI      | GS MALHAX | 2          | 03 | DW |     |     |    | 103 | 101 | 98  | 107 | 110 | 87  | 101 | 102 |
| 040000672818146 | <b>PONGO</b>      | POSTNER    | LOCK      | Eu, A3     | 97 |    | FH2 |     |    | 94  | 92  | 89  | 108 | 91  | 105 | 91  | 95  |
| 040000512981247 | <b>PONTI</b>      | POLDI      | GS MALF   | A1, A5     | 03 |    |     | ZDL |    | 101 | 100 | 103 | 99  | 108 | 110 | 108 | 94  |
| 040000725709742 | <b>PONZO</b>      | POSTNER    | HORWEIN   | A1, A7     | 00 |    | FH2 |     |    | 85  | 89  | 93  | 96  | 114 | 107 | 110 | 86  |
| 276000917133405 | <b>POPL</b>       | POSTNER    | PLANKTON  | Eu, 9      | 96 |    | FH2 |     |    | 89  | 84  | 100 | 106 | 90  | 95  | 98  | 87  |
| 276000938069248 | <b>PORSCHÉ</b>    | POLDI      | RANDY     | 16, 10     | 03 |    |     |     | TP | 85  | 94  | 93  | 86  | 115 | 96  | 98  | 88  |
| 040000681560846 | <b>PORSCHÉ</b>    | POSTNER    | PRINZ     |            | 97 |    | FH2 |     |    | 62  | 73  | 93  | 78  | 109 | 127 | 107 | 71  |
| 276000944348184 | <b>PORTO</b>      | GS POLARI  | WINNIPEG  | Eu, A3, 6  | 09 |    |     |     | TP | 126 | 123 | 87  | 121 | 106 | 100 | 113 | 101 |
| 276000807157553 | <b>POSEIDON</b>   | POSCO      | HAXEN     | 27         | 88 |    | FH2 |     |    | 62  | 64  | 83  | 102 | 95  | 120 | 99  | 85  |
| 040000490075772 | <b>POSSIDO</b>    | POLDI      | RESS      | Eu, A3     | 03 |    |     | ZDL |    | 109 | 107 | 104 | 103 | 107 | 115 | 104 | 106 |
| 040000688517146 | <b>POST</b>       | POSTNER    | STREITL   |            | 97 |    | FH2 |     |    | 75  | 72  | 109 | 96  | 111 | 121 | 92  | 76  |
| 276000926428551 | <b>POSTILLION</b> | POSCO      | SAGO      | Eu, 6      | 81 |    | FH2 |     |    | 78  | 69  | 108 | 110 | 96  | 113 | 104 | 84  |
| 276000917355651 | <b>POSTNER</b>    | POSTILLION | RENNER    | Eu, 6      | 90 |    | FH2 |     |    | 70  | 82  | 88  | 82  | 111 | 102 | 106 | 83  |
| 276000931437857 | <b>POSTOK</b>     | POSTNER    | RADIK     | Eu, 6      | 98 |    | FH2 |     |    | 78  | 79  | 99  | 93  | 100 | 105 | 112 | 89  |
| 276000932885361 | <b>PREDIGER</b>   | PROMO      | HORWEIN   | 10, 16     | 98 |    | FH2 |     |    | 90  | 85  | 93  | 112 | 99  | 122 | 110 | 96  |
| 276000936669189 | <b>PRIMA</b>      | POLDI      | RADAR     | 17         | 03 |    | FH2 |     |    | 97  | 99  | 94  | 99  | 105 | 87  | 103 | 91  |
| 276000937252272 | <b>PRIMUS</b>     | POLDI      | STREITL   | 17, A1, 3  | 02 |    |     | ZDL |    | 104 | 102 | 106 | 99  | 102 | 99  | 94  | 88  |
| 276000914886140 | <b>PRINZ</b>      | PROPELLER  | ZEIER     | 17         | 92 |    | FH2 |     | TP | 79  | 78  | 95  | 102 | 86  | 117 | 99  | 87  |
| 276000930996866 | <b>PROBE</b>      | PROMO      | RALBO     | Eu, 9, 10  | 98 |    | FH2 |     |    | 77  | 89  | 85  | 84  | 77  | 91  | 99  | 80  |
| 276000919415664 | <b>PROBSTER</b>   | PROPELLER  | STREITL   | 17, 10     | 94 |    | FH2 |     |    | 71  | 74  | 95  | 92  | 90  | 117 | 98  | 80  |
| 380021000130700 | <b>PRODOR</b>     | PROPELLER  | HORROR    |            | 93 |    | FH2 |     |    | 83  | 89  | 98  | 89  | 85  | 97  | 87  | 70  |
| 040000487407844 | <b>PROFI</b>      | PASCAL     | HUMOR     |            | 94 | DW |     |     |    | 68  | 66  | 100 | 95  | 93  | 102 | 98  | 103 |
| 276000932325789 | <b>PROKAT</b>     | PROMO      | ZEUKAR    | 3, 6       | 98 |    | FH2 |     |    | 87  | 89  | 113 | 87  | 106 | 100 | 104 | 72  |
| 276000932758221 | <b>PROKURATOR</b> | POSTNER    | PROPELLER | 10, 16     | 98 |    | FH2 |     |    | 89  | 99  | 91  | 88  | 113 | 100 | 101 | 92  |
| 276000932812302 | <b>PROLIX</b>     | PROMO      | REPORT    | 3, 6       | 98 |    | FH2 |     |    | 77  | 94  | 80  | 79  | 103 | 107 | 106 | 82  |
| 040000772374133 | <b>PROMO</b>      | PROPELLER  | HODSCHA   | Eu, A3     | 93 |    | FH2 |     |    | 85  | 86  | 96  | 100 | 99  | 118 | 97  | 83  |
| 276000917387753 | <b>PROMO</b>      | PROPELLER  | LOTUS     | Eu, 6      | 92 |    | FH2 |     |    | 84  | 90  | 92  | 91  | 90  | 112 | 107 | 81  |
| 276000920747734 | <b>PROPELLER</b>  | POSCO      | HALB      | Eu, 6      | 81 |    | FH2 |     |    | 87  | 88  | 95  | 99  | 95  | 113 | 103 | 82  |
| 276000935311192 | <b>PROPORZ</b>    | PROSNER    | REPORT    | Eu, 9      | 01 |    | FH2 |     |    | 86  | 101 | 85  | 83  | 115 | 101 | 112 | 76  |
| 276000917089704 | <b>PROSNER</b>    | PROSA      | RENNER    | Eu, 9      | 94 |    | FH2 |     |    | 91  | 94  | 86  | 102 | 95  | 103 | 118 | 98  |
| 276000935047136 | <b>PRUNK</b>      | PROSNER    | REPORT    | 3, 9       | 01 |    | FH2 |     |    | 81  | 81  | 89  | 104 | 118 | 114 | 121 | 105 |
| 040000427375444 | <b>PULLE</b>      | PASTA      | MORELLO   | 10         | 92 | DW |     |     |    | 71  | 68  | 103 | 99  | 103 | 125 | 86  | 79  |
| 040000984835211 | <b>PUSSTA</b>     | POSTNER    | PRINZ     |            | 98 |    | FH2 |     |    | 75  | 78  | 88  | 97  | 103 | 107 | 102 | 87  |
| 040000469697614 | <b>RAAS</b>       | ROIBOS     | HERON     | A1, 17     | 06 |    | FH2 |     |    | 107 | 106 | 83  | 117 | 101 | 92  | 107 | 116 |
| 040000405957547 | <b>RABAN</b>      | RAMBO      | SALUS     | Eu, A3, A1 | 02 |    |     | ZDL |    | 101 | 110 | 101 | 82  | 117 | 110 | 90  | 93  |
| 276000918576128 | <b>RABATT</b>     | RALBO      | HARRY     | Eu, 6, 3   | 95 |    |     |     | TP | 96  | 100 | 123 | 79  | 109 | 116 | 79  | 100 |
| 040000097238172 | <b>RACING</b>     | RAMBO      | GS MALF   | Eu, A3     | 02 |    | FH2 |     |    | 92  | 100 | 99  | 84  | 111 | 110 | 97  | 89  |
| 276000939180492 | <b>RACKER</b>     | RAINER     | GS MALHAX | 2          | 06 |    | FH2 |     |    | 99  | 102 | 118 | 83  | 102 | 114 | 84  | 88  |
| 276000911774274 | <b>RAD</b>        | RADI       | HAXAN     | 10         | 87 |    |     |     | TP | 82  | 88  | 96  | 89  | 97  | 111 | 90  | 95  |
| 040000203858219 | <b>RADEK</b>      | ROMARIO    | GS RUMGO  | Eu, A3     | 12 |    | FH2 |     |    | 132 | 118 | 112 | 129 | 96  | 108 | 103 | 116 |
| 276000940559771 | <b>RADETZKY</b>   | RAINER     | REGIO     | 16, 10     | 06 |    |     |     | TP | 105 | 114 | 97  | 89  | 105 | 99  | 91  | 101 |
| 276000935304970 | <b>RADIALIS</b>   | RALBIT     | ROMEN     | 10, 16     | 00 |    |     |     | TP | 102 | 101 | 105 | 98  | 99  | 111 | 101 | 111 |
| 276000940930386 | <b>RADIO</b>      | RAINER     | REGIO     | 16, 10     | 06 |    |     |     | TP | 116 | 106 | 115 | 112 | 112 | 102 | 92  | 101 |
| 276000936013550 | <b>RADONZ</b>     | RAMBA      | HORST     | 3          | 02 |    |     |     | TP | 67  | 76  | 85  | 88  | 110 | 126 | 108 | 98  |
| 276000938744899 | <b>RADWAN</b>     | REPTEIT    | GS MALHAX | 10, 2, 16  | 04 |    | FH2 |     |    | 106 | 99  | 101 | 112 | 107 | 102 | 107 | 108 |
| 276000934572282 | <b>RAETSEL</b>    | RALBIT     | HALTER    | 17, 9      | 00 |    |     |     | TP | 89  | 92  | 110 | 89  | 116 | 117 | 97  | 93  |
| 276000934572340 | <b>RAETSEL II</b> | RALBIT     | HALTER    | Eu, 9      | 01 |    |     |     | TP | 104 | 103 | 109 | 98  | 104 | 109 | 97  | 94  |
| 040000346492545 | <b>RAFFAEL</b>    | RANDY      | RENNER    | A1, A7, A3 | 01 |    |     |     | TP | 95  | 104 | 100 | 81  | 108 | 90  | 105 | 100 |
| 276000936054344 | <b>RAFFKE</b>     | RAUBLING   | STROVANNA | 10, 16     | 02 |    |     |     | TP | 87  | 91  | 93  | 94  | 115 | 103 | 97  | 100 |
| 276000932317695 | <b>RAGLAN</b>     | RADAU      | REPORT    | Eu, 6      | 99 |    |     |     | TP | 95  | 102 | 116 | 76  | 93  | 112 | 110 | 90  |
| 276000946689393 | <b>RAGO *TA</b>   | RICKI      | WINNIPEG  | 17         | 11 |    | FH2 |     |    | 135 | 126 | 114 | 113 | 92  | 105 | 105 | 115 |
| 276000935330368 | <b>RAGOL</b>      | RALBIT     | EGOL (A)  | Eu, 27     | 01 |    |     |     | TP | 94  | 108 | 107 | 71  | 94  | 103 | 80  | 84  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name               | Vater        | MV       | Station    | J. | DW | FH2 | ZDL  | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|--------------------|--------------|----------|------------|----|----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000974579703 | <b>RAGULIN</b>     | ROUND UP     | SAFIR    | 10, AV, 16 | 09 |    |     |      | TP  | 105 | 108 | 105 | 96  | 94  | 117 | 104 | 99  |
| 276000934838669 | <b>RAHO ET</b>     | RALBIT       | HORB     | 27         | 01 |    |     |      | TP  | 102 | 100 | 122 | 89  | 107 | 116 | 81  | 104 |
| 040000352208245 | <b>RAHORB</b>      | RALBIT       | HORB     | A1, A3, A5 | 01 |    |     |      | TP  | 100 | 102 | 95  | 99  | 118 | 111 | 91  | 90  |
| 040000274248545 | <b>RAINER ET</b>   | RUMBA        | HORWEIN  | Eu, A3, A1 | 01 |    |     |      | TP? | 109 | 102 | 108 | 110 | 110 | 134 | 103 | 92  |
| 276000940250887 | <b>RAINFARN</b>    | RAINER       | REGIO    | 10, 16     | 06 |    |     |      | TP  | 103 | 101 | 111 | 100 | 92  | 98  | 91  | 95  |
| 276000940091097 | <b>RAINLOS</b>     | RAINER       | RAUBLING | 3          | 06 |    |     |      | TP  | 100 | 102 | 118 | 87  | 110 | 98  | 94  | 77  |
| 276000940797868 | <b>RAIO</b>        | RAINER       | REGIO    | Eu, 27     | 06 |    |     |      | TP  | 115 | 119 | 111 | 89  | 95  | 103 | 100 | 95  |
| 276000940777703 | <b>RAISON</b>      | RAINER       | RANDY    | Eu, 6      | 06 |    |     |      | TP  | 110 | 117 | 89  | 96  | 100 | 75  | 100 | 90  |
| 276000947199607 | <b>RAJAN *TA</b>   | ROMARIO      | VANSTEIN | 17, A1     | 11 |    |     |      | TP  | 133 | 117 | 116 | 128 | 108 | 112 | 105 | 128 |
| 276000917122093 | <b>RAKOZI</b>      | RAMBO        | DISKUS   | Eu, 9      | 96 |    |     |      | TP  | 75  | 84  | 96  | 84  | 99  | 92  | 100 | 90  |
| 040000808486433 | <b>RALB</b>        | RALBO        | ZEUS     | A1, 10, 17 | 94 |    |     |      | TP  | 79  | 84  | 108 | 81  | 102 | 129 | 98  | 96  |
| 276000934946625 | <b>RALBEIN</b>     | RALBIT       | HORWEIN  | Eu, 6      | 00 |    |     |      | TP  | 92  | 89  | 93  | 113 | 104 | 120 | 99  | 107 |
| 276000934950995 | <b>RALBINO</b>     | RALBIT       | HORB     | 3, 17      | 00 |    |     |      | TP  | 102 | 99  | 115 | 97  | 107 | 113 | 82  | 99  |
| 276000934114559 | <b>RALBIR</b>      | RALBIT       | REPORT   | A1, A7, 10 | 00 |    |     |      | TP  | 84  | 97  | 87  | 84  | 90  | 108 | 104 | 96  |
| 276000912121855 | <b>RALBIT</b>      | RALBO        | STRASS   | Eu, 6, 3   | 94 |    |     |      | TP  | 104 | 102 | 108 | 99  | 114 | 123 | 85  | 96  |
| 276000911825633 | <b>RALBO</b>       | RADI         | BALBO    | 10         | 88 |    |     |      | TP  | 96  | 99  | 108 | 90  | 106 | 114 | 89  | 95  |
| 276000915900437 | <b>RALBOS</b>      | RALBO        | TASSO    | 10, 9      | 94 |    |     |      | TP  | 100 | 103 | 109 | 88  | 106 | 108 | 98  | 78  |
| 276000982921427 | <b>RALLING</b>     | RALBIT       | HALLING  | 17         | 00 |    |     |      | TP  | 89  | 99  | 113 | 75  | 104 | 110 | 88  | 92  |
| 276000941546594 | <b>RALMERO PS</b>  | RALMESBACH F | RALBOS   | Eu, 9, 6   | 08 |    |     |      | TP  | 107 | 104 | 103 | 109 | 86  | 109 | 99  | 83  |
| 276000935937724 | <b>RALMONT</b>     | RALBIT       | CANTADOU | 3          | 01 |    |     |      | TP  | 90  | 93  | 80  | 107 | 107 | 99  | 95  | 111 |
| 276000915390754 | <b>RALO</b>        | RALBO        | HAPO     | 10, 17     | 94 |    |     |      | TP  | 104 | 99  | 112 | 103 | 103 | 111 | 99  | 84  |
| 276000934950219 | <b>RALOTI</b>      | RALBIT       | LOTUS    | Eu, 27     | 01 |    |     | ZDL? |     | 87  | 83  | 109 | 99  | 102 | 130 | 89  | 89  |
| 276000935594148 | <b>RALPOS</b>      | RALBIT       | ALPOS    | 27         | 01 |    |     |      | TP  | 95  | 93  | 101 | 104 | 104 | 113 | 94  | 96  |
| 276000935204682 | <b>RALRO</b>       | RALBIT       | ROMEN    | A7, A1, 10 | 00 |    |     |      | TP  | 97  | 94  | 107 | 101 | 102 | 107 | 94  | 100 |
| 276000934950212 | <b>RALTUS</b>      | RALBIT       | LOTUS    | 27         | 00 |    |     |      | TP  | 105 | 105 | 106 | 98  | 111 | 122 | 84  | 88  |
| 276000914091838 | <b>RAMBA</b>       | RAMBO        | PANZER   | 2          | 95 |    |     |      | TP  | 84  | 90  | 97  | 90  | 113 | 111 | 98  | 98  |
| 276000935203480 | <b>RAMBERT</b>     | RAMBA        | ARUS     | Eu, 6      | 01 |    |     |      | TP  | 88  | 84  | 105 | 101 | 108 | 122 | 94  | 94  |
| 276000661935282 | <b>RAMBLAK</b>     | RAMBA        | ROMEN    | 3          | 02 |    |     |      | TP  | 106 | 106 | 88  | 109 | 103 | 95  | 99  | 94  |
| 276000932183642 | <b>RAMI</b>        | RALBIT       | RENOLD   | 10, 16     | 99 |    |     |      | TP  | 91  | 87  | 104 | 103 | 107 | 127 | 96  | 86  |
| 276000937608774 | <b>RAMIG</b>       | ROMELLO      | ZASTER   | Eu, 6, 9   | 04 |    | FH2 |      |     | 123 | 123 | 84  | 110 | 99  | 85  | 102 | 92  |
| 276000911549061 | <b>RAMIR</b>       | RAMBO        | STREIF   | Eu, 6, 3   | 95 |    |     |      | TP  | 88  | 90  | 104 | 93  | 104 | 113 | 95  | 95  |
| 276000932381310 | <b>RAMMSTEIN</b>   | RAPID        | ROMEN    | AV, 10, 16 | 99 |    |     |      | TP? | 102 | 105 | 111 | 88  | 108 | 117 | 111 | 98  |
| 276000939586286 | <b>RAMOTA</b>      | RIMILI       | ROMEN    | 10, 16     | 04 |    |     |      | TP  | 105 | 105 | 103 | 99  | 94  | 116 | 112 | 99  |
| 040000825720172 | <b>RAMSBACH ET</b> | RUBEL        | HODACH   | 10, 2, 16  | 04 |    | FH2 |      |     | 97  | 91  | 89  | 114 | 104 | 115 | 110 | 89  |
| 276000934910270 | <b>RAMSIR</b>      | RAMBA        | ROMEN    | Eu, 6      | 01 |    |     |      | TP  | 87  | 96  | 86  | 91  | 100 | 82  | 110 | 95  |
| 276000946128582 | <b>RAMSOS *TA</b>  | RAMIG        | HADES    | Eu, 9, 6   | 11 |    | FH2 |      |     | 127 | 129 | 93  | 109 | 96  | 94  | 94  | 108 |
| 276000935812351 | <b>RAMZ</b>        | RAMBA        | SAMURAI  | 3          | 01 |    |     |      | TP  | 77  | 87  | 92  | 84  | 109 | 97  | 99  | 93  |
| 040000214196645 | <b>RANDALF</b>     | RANDY        | GS MALF  | A1, A3, A5 | 01 |    |     |      | TP  | 97  | 97  | 98  | 100 | 97  | 102 | 98  | 94  |
| 276000910976004 | <b>RANDI</b>       | RALBO        | HUT      | Eu, 9      | 94 |    |     |      | TP  | 83  | 87  | 102 | 92  | 96  | 111 | 90  | 83  |
| 040000728905545 | <b>RANDIN</b>      | RANDY        | HORB     | A1, A5, A3 | 01 |    |     |      | TP  | 87  | 87  | 88  | 105 | 110 | 100 | 90  | 104 |
| 040000085430545 | <b>RANDOS</b>      | RANDY        | ALPOS    | A1, A3, A5 | 01 |    |     |      | TP  | 105 | 98  | 95  | 117 | 98  | 95  | 100 | 104 |
| 276000918555090 | <b>RANDY</b>       | RALBO        | MODIST   | 10, AV, 16 | 94 |    |     |      | TP  | 101 | 107 | 90  | 95  | 98  | 94  | 90  | 102 |
| 276000939209106 | <b>RANGER</b>      | RUMBA        | HORWART  | 17         | 05 |    |     |      | TP  | 97  | 89  | 102 | 112 | 131 | 106 | 109 | 102 |
| 040000358403709 | <b>RANGNICK</b>    | RATGEBER     | STRELLER | 10, AV, 16 | 08 |    |     |      | TP  | 118 | 116 | 112 | 101 | 113 | 114 | 102 | 93  |
| 276000913234508 | <b>RANGUN</b>      | RALBO        | HAXON    | 10, 16     | 94 |    |     |      | TP  | 100 | 94  | 112 | 101 | 105 | 118 | 98  | 91  |
| 040000375871916 | <b>RANTAM</b>      | ROUND UP     | RUMBA    | Eu, A3, A5 | 08 |    |     |      | TP  | 108 | 105 | 102 | 103 | 108 | 112 | 109 | 108 |
| 276000934424293 | <b>RAP</b>         | RALBIT       | REPORT   | 2          | 01 |    |     |      | TP  | 96  | 97  | 98  | 100 | 111 | 102 | 105 | 112 |
| 276000913163490 | <b>RAPID</b>       | RADI         | SACK     | 2          | 93 |    |     |      | TP  | 90  | 95  | 108 | 86  | 92  | 97  | 114 | 95  |
| 276000933869509 | <b>RAPIR</b>       | RAPID        | EGOL (A) | 3          | 99 |    |     |      | TP  | 91  | 96  | 105 | 87  | 106 | 105 | 109 | 87  |
| 276000932296199 | <b>RAPLEX</b>      | RAPID        | HORB     | Eu, 9      | 99 |    |     |      | TP  | 73  | 88  | 89  | 79  | 88  | 103 | 102 | 94  |
| 276000933723930 | <b>RAPOR</b>       | RADAU        | REPORT   | 10         | 99 |    |     |      | TP  | 86  | 95  | 99  | 82  | 89  | 88  | 102 | 98  |
| 276000940154788 | <b>RASALAS</b>     | ROGEN        | RANDY    | 17, A7     | 06 |    |     |      | TP  | 96  | 94  | 101 | 103 | 78  | 96  | 96  | 106 |
| 040000654841944 | <b>RASANT</b>      | REPORT       | STREITL  | Eu, A3     | 97 |    |     |      | TP  | 57  | 80  | 93  | 58  | 100 | 94  | 90  | 102 |
| 040000274249645 | <b>RASMUS</b>      | RANDY        | RONDO    | Eu, A3     | 01 |    |     |      | TP  | 101 | 101 | 104 | 100 | 111 | 110 | 98  | 98  |
| 276000939977999 | <b>RASPUTIN</b>    | RAINER       | MADERA   | Eu, 6      | 06 |    | FH2 |      |     | 105 | 108 | 85  | 105 | 91  | 91  | 103 | 92  |
| 040000672624545 | <b>RASPUTIN</b>    | RANDY        | LAVENT   | Eu, A3     | 01 | DW |     |      | TP  | 103 | 112 | 76  | 98  | 95  | 91  | 81  | 101 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name              | Vater    | MV          | Station    | J. | DW | FH2 | ZDL | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-------------------|----------|-------------|------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000203415426 | <b>RASPUTIN</b>   | RALBO    | BARON       | Eu, A8     | 94 |    |     |     | TP  | 78  | 74  | 107 | 99  | 89  | 120 | 110 | 99  |
| 276000943753166 | <b>RASTLOS</b>    | RUREIF   | ROMELLO     | 17         | 08 |    |     |     | TP  | 121 | 112 | 102 | 118 | 107 | 113 | 106 | 106 |
| 276000934948147 | <b>RAT</b>        | RALBIT   | ZITAT       | 2          | 00 |    |     |     | TP  | 92  | 90  | 110 | 98  | 102 | 114 | 80  | 80  |
| 276000942556124 | <b>RATGIB</b>     | RATGEBER | RANDY       | 3, 17      | 08 |    |     |     | TP  | 107 | 100 | 110 | 108 | 105 | 103 | 98  | 114 |
| 276000932051412 | <b>RATINHO</b>    | RENNER   | HORST       | 10, 16     | 98 |    |     |     | TP  | 96  | 101 | 106 | 85  | 100 | 108 | 103 | 102 |
| 040000358401509 | <b>RATIO</b>      | RATGEBER | STRELLER    | Eu, A3, A5 | 08 |    |     |     | TP  | 102 | 97  | 102 | 107 | 100 | 106 | 95  | 85  |
| 276000933295356 | <b>RATL</b>       | RALBIT   | STREITL     | 27         | 00 |    |     |     | TP  | 91  | 97  | 112 | 79  | 115 | 121 | 79  | 84  |
| 276000942847042 | <b>RATSCH</b>     | RATGEBER | ALTAI       | 3          | 08 |    |     | ZDL |     | 105 | 95  | 120 | 106 | 117 | 123 | 103 | 102 |
| 276000932072167 | <b>RATSHERR</b>   | RALBO    | STREITL     | 2          | 98 |    |     | ZDL |     | 81  | 82  | 97  | 96  | 106 | 111 | 87  | 93  |
| 276000931404068 | <b>RATURN</b>     | RALBO    | REPORT      | 3          | 98 |    |     |     | TP  | 89  | 92  | 96  | 95  | 110 | 98  | 102 | 94  |
| 276000940940872 | <b>RATZFATZ</b>   | RAINER   | HORB        | 3, 6       | 06 |    | FH2 |     |     | 99  | 102 | 85  | 105 | 93  | 102 | 99  | 98  |
| 276000936057302 | <b>RAUBI</b>      | RAUBLING | BOIS LE VIN | 10         | 02 |    |     |     | TP  | 96  | 102 | 106 | 86  | 101 | 98  | 102 | 94  |
| 276000935203020 | <b>RAUBLER</b>    | RAUBLING | HORB        | A1, A7, 10 | 02 |    |     |     | TP  | 93  | 92  | 99  | 100 | 99  | 106 | 102 | 82  |
| 276000912291736 | <b>RAUBLING</b>   | RALBO    | STRESS      | 10, 16     | 95 |    |     |     | TP  | 102 | 105 | 112 | 88  | 109 | 103 | 105 | 89  |
| 276000940657741 | <b>RAUBLUST</b>   | RAUBLING | REHOBOTH    | 10, 16     | 06 |    |     |     | TP  | 98  | 104 | 104 | 87  | 110 | 89  | 105 | 98  |
| 276000943608500 | <b>RAUBRITTER</b> | ROUND UP | WATERBERG   | 10, 16     | 09 |    |     |     | TP  | 103 | 104 | 91  | 106 | 91  | 106 | 100 | 107 |
| 276000936285147 | <b>RAUCHFANG</b>  | RUMBA    | HORST       | 10, 16     | 01 |    |     |     | TP  | 101 | 97  | 94  | 112 | 114 | 109 | 101 | 81  |
| 276000942487609 | <b>RAUDAX</b>     | GS RAU   | REITER      | 3, 6, 17   | 08 |    |     | ZDL |     | 100 | 98  | 93  | 109 | 94  | 109 | 100 | 105 |
| 040000190070572 | <b>RAUFER</b>     | RAUBLING | GS MOREIF   | Eu, A3, A1 | 02 |    |     |     | TP  | 101 | 103 | 106 | 93  | 102 | 103 | 94  | 90  |
| 276000936163225 | <b>RAUFRIED</b>   | RAUBLING | ROMEN       | 2          | 02 |    |     |     | TP  | 100 | 97  | 101 | 104 | 103 | 106 | 95  | 102 |
| 276000935756071 | <b>RAUHNACHT</b>  | RAUBLING | HORWEIN     | 10, 16     | 01 |    |     |     | TP? | 92  | 96  | 99  | 91  | 109 | 102 | 103 | 91  |
| 276000936728215 | <b>RAUHOLZ</b>    | RAUBLING | HUSALDO     | 2, 10      | 02 |    |     |     | TP  | 90  | 86  | 86  | 116 | 104 | 102 | 101 | 114 |
| 276000918565143 | <b>RAUHREIF</b>   | RALBO    | SALAX       | 10, 16     | 95 |    |     |     | TP  | 105 | 89  | 129 | 109 | 104 | 128 | 99  | 87  |
| 040000354565372 | <b>RAUL</b>       | REGIO    | REPORT      | A7, A1, A5 | 03 |    |     |     | TP  | 94  | 93  | 111 | 96  | 121 | 112 | 103 | 101 |
| 276000936490217 | <b>RAULING</b>    | RAUBLING | STEGO       | A1, A7, 10 | 02 |    |     |     | TP  | 90  | 93  | 107 | 88  | 100 | 104 | 83  | 86  |
| 276000943925258 | <b>RAUMFLUG</b>   | GS RAU   | RANDY       | Eu, 6      | 09 |    |     |     | TP  | 106 | 107 | 94  | 105 | 94  | 102 | 90  | 103 |
| 276000936490207 | <b>RAUNOX</b>     | RAUBLING | WEINOX      | 10, 17     | 02 |    |     |     | TP  | 102 | 102 | 92  | 103 | 105 | 107 | 108 | 92  |
| 276000942685770 | <b>RAURUAPA</b>   | GS RAU   | RUAP        | Eu, 6, A3  | 08 |    |     |     | TP  | 114 | 107 | 106 | 110 | 126 | 113 | 98  | 123 |
| 276000943925252 | <b>RAUSCHER</b>   | GS RAU   | WEIPOINT    | 17         | 09 |    |     |     | TP  | 116 | 108 | 105 | 114 | 118 | 113 | 113 | 104 |
| 276000814271695 | <b>RAUWAT</b>     | GS RAU   | WATERBERG   | Eu, 27     | 09 |    |     |     | TP  | 130 | 123 | 107 | 112 | 105 | 100 | 103 | 114 |
| 276000811818642 | <b>RAVANNA ET</b> | RALBIT   | STROVANNA   | 27         | 01 | DW |     |     | TP  | 95  | 100 | 91  | 94  | 105 | 108 | 96  | 109 |
| 040000095926217 | <b>RAVEN</b>      | ROCHUS   | RAINER      | Eu, A3, A8 | 08 |    |     |     | TP  | 105 | 110 | 85  | 106 | 92  | 80  | 95  | 110 |
| 276000939839891 | <b>RAY</b>        | RAINER   | RANDY       | 10, 16     | 06 |    |     |     | TP  | 114 | 109 | 112 | 105 | 111 | 102 | 98  | 89  |
| 276000811183668 | <b>RAYMOND ET</b> | REPORT   | MORWEL      | Eu, 27, 10 | 98 | DW |     |     | TP  | 82  | 97  | 96  | 71  | 107 | 102 | 99  | 109 |
| 276000931394589 | <b>REAGENT</b>    | REPORT   | HOLB        | Eu, A3     | 98 |    |     |     | TP  | 84  | 87  | 102 | 91  | 99  | 116 | 96  | 103 |
| 040000210652247 | <b>REALIST</b>    | RALBIT   | HORWEIN     | Eu, A5, 6  | 01 |    | FH2 |     |     | 104 | 100 | 90  | 112 | 104 | 111 | 108 | 99  |
| 276000937887606 | <b>REBARD</b>     | REMONT   | LOMBARD     | 16, 10     | 03 |    |     |     | TP  | 84  | 103 | 96  | 65  | 101 | 81  | 102 | 91  |
| 276000810706072 | <b>REBBACH</b>    | REBI     | HORROR      | Eu, A3     | 97 |    |     |     | TP  | 79  | 82  | 89  | 98  | 98  | 88  | 92  | 102 |
| 276000932016746 | <b>REBELLO</b>    | REPORT   | GS MALF     | 16, 10     | 98 |    |     |     | TP? | 81  | 92  | 116 | 68  | 113 | 109 | 97  | 113 |
| 276000915956305 | <b>REBER</b>      | RAMBO    | HORB        | Eu, 9      | 95 |    |     |     | TP  | 79  | 90  | 96  | 80  | 93  | 105 | 88  | 110 |
| 276000914681105 | <b>REBI</b>       | RENNER   | BIMBO       | 16, 17     | 90 |    |     |     | TP  | 74  | 81  | 89  | 89  | 99  | 93  | 105 | 99  |
| 276000937224472 | <b>REBOSS</b>     | RESAL    | BOSS        | Eu, 6      | 03 |    |     |     | TP  | 86  | 82  | 103 | 101 | 115 | 120 | 103 | 109 |
| 276000810903000 | <b>REBUS</b>      | REBI     | JONN RED    | 27         | 98 |    |     |     | TP  | 70  | 72  | 91  | 95  | 114 | 96  | 107 | 111 |
| 276000937492935 | <b>RECHNER</b>    | RUBEL    | HORWART     | 10, 16     | 03 |    |     |     | TP  | 111 | 111 | 107 | 97  | 110 | 97  | 113 | 92  |
| 276000916066404 | <b>RECK</b>       | RENGER   | HORB        | Eu, 9      | 96 |    |     |     | TP  | 82  | 83  | 104 | 94  | 103 | 105 | 86  | 102 |
| 276000932503753 | <b>RED BARON</b>  | RENNER   | HORB        | 10, 2, 16  | 98 |    |     |     | TP? | 65  | 75  | 81  | 89  | 84  | 83  | 106 | 109 |
| 276000936383286 | <b>RED MOON</b>   | RESAL    | ROMEN       | 10, 2, 16  | 02 |    |     |     | TP  | 95  | 94  | 110 | 92  | 95  | 125 | 93  | 108 |
| 040000256670517 | <b>REDALL</b>     | RECHBERG | MAMMUT      | Eu, A3     | 09 |    | FH2 |     |     | 109 | 98  | 102 | 119 | 95  | 106 | 105 | 112 |
| 276000936542839 | <b>REDEFIN</b>    | RESAL    | HEXORR 14R  | 3          | 02 |    |     |     | TP  | 90  | 93  | 90  | 97  | 114 | 107 | 83  | 111 |
| 276000941353442 | <b>REDEKER</b>    | RADIALIS | REGIO       | 10, 16     | 07 |    |     |     | TP  | 105 | 108 | 95  | 98  | 98  | 103 | 104 | 105 |
| 276000913770147 | <b>REDER</b>      | RENNER   | ZENALL      | Eu, 6      | 89 |    |     |     | TP  | 81  | 97  | 88  | 78  | 84  | 102 | 81  | 85  |
| 276000814290551 | <b>REDWIN</b>     | RENWART  | WINNIPEG    | Eu, 27     | 09 |    |     |     | TP  | 127 | 113 | 126 | 114 | 96  | 107 | 96  | 98  |
| 040000414521933 | <b>REFEKT</b>     | RENGER   | GS PRAEFEKT | A1, 17, 10 | 97 |    |     |     | TP  | 82  | 88  | 86  | 93  | 110 | 113 | 97  | 99  |
| 276000812815470 | <b>REFLER</b>     | REGENS   | HOFLER      | 27         | 04 |    |     |     | TP  | 76  | 82  | 73  | 100 | 95  | 98  | 103 | 108 |
| 276000936634514 | <b>REFTRACH</b>   | RESAL    | STEFFEN     | Eu, 6, 3   | 02 |    |     | ZDL | TP  | 89  | 96  | 88  | 93  | 93  | 96  | 109 | 93  |
| 276000937572114 | <b>REGE</b>       | REGENS   | ZASTER      | 10, 6      | 03 |    |     |     | TP  | 84  | 98  | 106 | 68  | 107 | 84  | 98  | 93  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name          | Vater                     | MV             | Station    | J. | DW | FH2 | ZDL  | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|---------------|---------------------------|----------------|------------|----|----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000938740344 | REGENORB      | REGENS                    | HORB           | Eu, A5     | 04 |    |     |      | TP  | 106 | 103 | 93  | 111 | 81  | 85  | 117 | 111 |
| 276000810352878 | REGENS        | RENGER                    | HAXPAT         | Eu, 27     | 96 |    |     |      | TP  | 93  | 99  | 91  | 94  | 106 | 102 | 96  | 109 |
| 276000943544386 | REGENSBURG    | ROUND UP                  | ENGADIN *TA    | 10, 16     | 09 |    |     |      | TP  | 113 | 98  | 119 | 119 | 100 | 122 | 108 | 100 |
| 276000936093691 | REGENT        | REGIO                     | STREITL        | Eu, A3     | 02 |    |     | ZDL  |     | 103 | 108 | 100 | 91  | 108 | 103 | 107 | 87  |
| 276000913278835 | REGENT        | REPORT                    | ROM            | 16, 10     | 95 |    |     |      | TP  | 83  | 91  | 87  | 93  | 91  | 106 | 96  | 96  |
| 276000943564904 | REGENTAL *TA  | RESOLUT                   | WINNIPEG       | 10, 16     | 09 |    |     |      | TP? | 125 | 123 | 117 | 96  | 105 | 105 | 94  | 97  |
| 040000425938572 | REGENY        | REGIO                     | RANDY          | Eu, A3, A5 | 03 |    |     |      | TP  | 95  | 94  | 104 | 99  | 93  | 108 | 89  | 91  |
| 276000938096768 | REGGIANO      | REGENS                    | STARK          | 10         | 03 |    |     |      | TP  | 86  | 88  | 103 | 91  | 107 | 110 | 109 | 117 |
| 276000918174246 | REGIO         | RENGER                    | PONIT          | 10, AV, 16 | 96 |    |     |      | TP  | 112 | 109 | 114 | 99  | 106 | 106 | 107 | 110 |
| 276000930104405 | REGION        | RENGER                    | DIRTECK        | 3          | 96 |    |     |      | TP  | 87  | 89  | 91  | 100 | 114 | 105 | 103 | 99  |
| 276000936166827 | REGISSEUR     | RUMBA                     | HODACH         | 17, A1     | 01 |    |     |      | TP  | 101 | 104 | 115 | 87  | 95  | 120 | 84  | 93  |
| 276000937860944 | REGLAND       | REGENS                    | LOMBARD        | Eu, 6      | 04 |    |     |      | TP  | 101 | 100 | 86  | 110 | 108 | 116 | 100 | 110 |
| 276000937961686 | REGLUECK      | REGION                    | GS MALF        | 3, 17      | 03 |    |     |      | TP  | 88  | 90  | 86  | 102 | 108 | 113 | 106 | 97  |
| 276000812754294 | REGMEN        | REGENS                    | ROMEN          | 27         | 04 |    |     |      | TP  | 106 | 102 | 92  | 113 | 96  | 104 | 99  | 110 |
| 276000938111967 | REGOLF        | REGENS                    | WEINOX         | 3, 6       | 04 |    |     |      | TP  | 89  | 96  | 97  | 88  | 111 | 106 | 91  | 96  |
| 276000812765153 | REGOM         | REGENS                    | ROMEN          | Eu, A5     | 03 |    |     |      | TP  | 87  | 90  | 86  | 101 | 106 | 108 | 111 | 119 |
| 276000938170524 | REGOR         | REGENS                    | HORWEIN        | Eu, 6, 9   | 04 |    |     |      | TP  | 80  | 81  | 103 | 95  | 107 | 121 | 88  | 95  |
| 276000812811738 | REGPROM       | REGENS                    | PROMO          | 27         | 03 |    | FH2 |      |     | 67  | 79  | 81  | 83  | 122 | 101 | 112 | 102 |
| 276000810388493 | REGULAR       | RENGER                    | RONALD         | Eu, 27     | 97 |    |     |      | TP  | 88  | 87  | 96  | 103 | 105 | 108 | 106 | 113 |
| 276000941384339 | REHAGEL *TA   | RETRAKT                   | MALACH         | Eu, 6      | 09 |    |     |      | TP  | 114 | 118 | 101 | 98  | 103 | 97  | 93  | 95  |
| 040000229055172 | REHAKLES      | RESS                      | GS MALF        | A1, A5     | 03 |    | FH2 |      |     | 87  | 86  | 100 | 102 | 86  | 116 | 100 | 96  |
| 276000943415739 | REHBEIN       | RETRAKT                   | WEBAL          | Eu, 6, 9   | 09 |    |     |      | TP  | 111 | 115 | 94  | 102 | 93  | 96  | 116 | 111 |
| 276000943483800 | REHKALB       | RETRAKT                   | EILIG *TA      | Eu, 6      | 09 |    |     |      | TP  | 109 | 106 | 99  | 105 | 95  | 88  | 103 | 100 |
| 276000943925273 | REHLING       | RETRAKT                   | ZAHNER         | Eu, 6      | 09 |    |     |      | TP  | 115 | 102 | 103 | 127 | 94  | 90  | 110 | 103 |
| 276000932877827 | REHM          | RENGER                    | HORB           | Eu, 6      | 98 |    |     |      | TP  | 87  | 92  | 99  | 89  | 92  | 115 | 101 | 80  |
| 276000943925276 | REHWILD       | RETRAKT                   | WEBAL          | Eu, 6      | 09 |    |     |      | TP  | 119 | 110 | 103 | 118 | 97  | 97  | 111 | 98  |
| 276000936739663 | REICHLMAIR    | REMPLE                    | SAMURAI        | 10, 16     | 02 |    | FH2 |      |     | 90  | 98  | 96  | 87  | 105 | 92  | 102 | 92  |
| 276000812696004 | REIFLING E    | REGENS                    | HODSCHA        | 27         | 03 |    |     |      | TP  | 93  | 95  | 96  | 99  | 97  | 96  | 113 | 111 |
| 276000943205311 | REIFTANZ *TA  | ROUND UP                  | WATERBERG      | 10, 16     | 09 |    |     |      | TP  | 123 | 113 | 111 | 114 | 108 | 102 | 120 | 114 |
| 276000935871376 | REIMEN        | REITER                    | ROMEN          | Eu, 6      | 02 |    |     | ZDL  | TP  | 87  | 84  | 86  | 111 | 85  | 99  | 113 | 108 |
| 276000814180087 | REIN          | RENWART                   | VANSTEIN       | Eu, 27     | 09 |    |     |      | TP  | 111 | 117 | 106 | 89  | 101 | 97  | 83  | 98  |
| 276000940559460 | REINBERG      | REITER                    | HUMID          | 17         | 06 |    |     | ZDL  | TP  | 113 | 112 | 89  | 109 | 87  | 102 | 101 | 103 |
| 276000946225958 | REINERBIG PP* | RUECKSPIEL P <sub>1</sub> | RALMESBACH f 3 |            | 11 |    |     | ZDL  |     | 123 | 115 | 107 | 115 | 110 | 122 | 107 | 100 |
| 040000013747217 | REINHARD      | ROCHUS                    | REPTEIT        | Eu, A5     | 08 |    |     |      | TP  | 111 | 109 | 94  | 111 | 88  | 79  | 100 | 114 |
| 276000936832989 | REISCHACH     | REPULS                    | STEGO          | 17, A1, 3  | 02 |    |     |      | TP  | 108 | 110 | 103 | 95  | 90  | 104 | 94  | 99  |
| 040000866032472 | REISER        | REGIO                     | STRELLER       | Eu, A3     | 05 |    |     |      | TP  | 104 | 102 | 110 | 96  | 99  | 102 | 94  | 111 |
| 276000943004479 | REISSWOLF     | ROUND UP                  | MALEFIZ        | 10, AV, 16 | 08 |    |     |      | TP  | 116 | 107 | 111 | 115 | 109 | 113 | 114 | 105 |
| 276000935895523 | REITAU        | REITER                    | RADAU          | 10         | 02 |    |     | ZDL  |     | 107 | 105 | 94  | 108 | 107 | 96  | 97  | 97  |
| 276000913319530 | REITER        | REDER                     | STREITL        | 17, 10     | 96 |    |     | ZDL  | TP  | 95  | 96  | 85  | 107 | 91  | 100 | 104 | 112 |
| 276000936322960 | REITON        | REITER                    | RADON          | Eu, 6      | 02 |    |     | ZDL  | TP  | 87  | 86  | 95  | 104 | 89  | 101 | 97  | 108 |
| 276000935595096 | REITZAR       | REITER                    | ZAR            | Eu, 6      | 02 |    |     | ZDL  | TP  | 87  | 90  | 99  | 92  | 97  | 101 | 102 | 88  |
| 276000808534055 | REKEL         | REPORT                    | HORWEIN        | Eu, 27     | 95 |    |     |      | TP  | 87  | 95  | 105 | 81  | 102 | 96  | 91  | 90  |
| 276000812334297 | REKOMEN       | REKEL                     | ROMEN          | 27         | 02 |    |     | ZDL? | TP  | 86  | 90  | 101 | 90  | 99  | 105 | 100 | 104 |
| 040000410179145 | REKORD-KTN    | RANDY                     | STRESS         | Eu, A8, A1 | 01 |    |     |      | TP  | 88  | 102 | 78  | 86  | 102 | 84  | 101 | 105 |
| 276000915041668 | REKRUT        | RENNER                    | PENKOS         | 10, 16     | 94 |    |     |      | TP  | 86  | 95  | 100 | 83  | 85  | 100 | 105 | 112 |
| 276000812696003 | RELING ET     | REGENS                    | HODSCHA        | 27         | 03 |    |     |      | TP  | 96  | 107 | 77  | 95  | 86  | 82  | 96  | 115 |
| 040000446519272 | RELIX         | REGIO                     | HELIX RED      | A7         | 03 |    |     |      | TP  | 104 | 110 | 84  | 101 | 103 | 77  | 111 | 120 |
| 276000814290550 | RELUZ         | RENWART                   | WINNIPEG       | Eu, 27, A5 | 09 |    | FH2 |      | TP  | 120 | 114 | 109 | 110 | 94  | 95  | 103 | 96  |
| 276000812363353 | REM           | REGENS                    | ROMEN          | 27         | 04 |    |     |      | TP  | 102 | 101 | 100 | 103 | 104 | 95  | 100 | 102 |
| 276000932709897 | REMA          | RENNER                    | GS MALF        | 17, A1, A7 | 98 |    | FH2 |      |     | 73  | 88  | 91  | 73  | 89  | 103 | 96  | 96  |
| 276000931273224 | REMAL         | RENGER                    | GS MALF        | 10, 9      | 98 |    | FH2 |      |     | 102 | 94  | 107 | 112 | 102 | 121 | 105 | 95  |
| 276000933387918 | REMALDI       | RHEINGOLD                 | GS MALF        | 2          | 02 |    | FH2 |      | TP  | 90  | 90  | 119 | 85  | 112 | 99  | 81  | 102 |
| 276000939075337 | REMBO         | ROMEO                     | RALBO          | Eu, 6      | 05 |    |     |      | TP  | 102 | 103 | 114 | 90  | 111 | 109 | 103 | 107 |
| 040000253118607 | REMBRANDT     | ROMEO                     | HERON          | Eu, A3, 6  | 04 |    |     |      | TP  | 84  | 87  | 95  | 96  | 113 | 116 | 114 | 106 |
| 040000138888607 | REMKA         | GS RENKER                 | GS MALF        | Eu, A3     | 05 |    | FH2 |      |     | 96  | 102 | 79  | 101 | 127 | 98  | 104 | 117 |
| 276000946581932 | REMMEL *TA    | RICKI                     | GS RUMGO       | 17, A1     | 12 |    | FH2 |      |     | 138 | 132 | 117 | 106 | 107 | 106 | 112 | 117 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name       | Vater    | MV         | Station    | J. | DW | FH2 | ZDL | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|------------|----------|------------|------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000919879431 | REMONT     | REPORT   | STRESS     | 16, A1, 10 | 97 |    |     |     | TP  | 93  | 109 | 104 | 68  | 90  | 86  | 98  | 95  |
| 276000937135920 | REMOOR     | REMONT   | HODACH     | 3, 17      | 03 |    |     |     | TP  | 87  | 88  | 102 | 94  | 97  | 109 | 94  | 113 |
| 276000915974939 | REMPLER    | RENOLD   | PROPELLER  | 10, 17     | 95 |    | FH2 |     |     | 99  | 101 | 96  | 98  | 109 | 106 | 95  | 105 |
| 276000812198456 | REMPLOM    | REMPLER  | ROMEN      | 27         | 02 |    | FH2 |     |     | 111 | 117 | 106 | 87  | 112 | 104 | 93  | 105 |
| 276000914131354 | REMUR      | REPORT   | MEDUR      | 17, A3, A1 | 96 |    |     |     | TP  | 87  | 94  | 83  | 97  | 77  | 80  | 90  | 99  |
| 040000228430372 | REMUS      | REGIO    | HOLGER     | A1, A5     | 03 |    |     |     | TP  | 98  | 97  | 98  | 102 | 92  | 91  | 106 | 108 |
| 040000566779711 | REMUS      | REPORT   | GS MALF    | A1, A7, 10 | 98 |    |     |     | TP  | 86  | 92  | 93  | 90  | 109 | 85  | 110 | 111 |
| 040000367919133 | RENAX      | RENGER   | HAXL       | A1, A3     | 96 |    |     |     | TP  | 92  | 91  | 88  | 108 | 99  | 116 | 106 | 112 |
| 276000938009536 | RENDSEBURG | REGENS   | WEINOX     | 10, 16     | 04 |    |     |     | TP  | 89  | 93  | 103 | 88  | 126 | 102 | 86  | 113 |
| 040000757921511 | RENE       | REPORT   | MAIKOENIG  | Eu, A8     | 98 |    |     |     | TP  | 82  | 84  | 101 | 93  | 97  | 98  | 95  | 102 |
| 276000810896986 | RENGADIN   | RENGER   | HADRIAN    | 27         | 98 |    |     |     | TP  | 93  | 98  | 102 | 88  | 106 | 106 | 89  | 92  |
| 276000915732780 | RENGER     | RENNER   | SAMBACH    | Eu, 6      | 89 |    |     |     | TP  | 89  | 93  | 106 | 88  | 109 | 124 | 104 | 95  |
| 276000810996556 | RENGWEL    | RENGER   | MORWEL     | 27         | 98 |    |     |     | TP  | 84  | 87  | 102 | 90  | 86  | 106 | 96  | 102 |
| 276000974586667 | RENIPEG    | RENWART  | WINNIPEG   | Eu, 27     | 09 |    | FH2 |     |     | 122 | 119 | 109 | 106 | 94  | 89  | 99  | 110 |
| 276000933579013 | RENMUL     | RENNER   | STROMUL    | 10         | 99 |    |     |     | TP  | 85  | 94  | 106 | 76  | 97  | 97  | 100 | 102 |
| 276000928504510 | RENNER     | REDAD    | PERUTZ     | Eu, 6      | 81 |    |     |     | TP  | 76  | 90  | 93  | 76  | 104 | 96  | 108 | 109 |
| 040000350861811 | RENNER     | REPORT   | STREIFLING | Eu, A3     | 98 |    |     |     | TP  | 74  | 86  | 89  | 82  | 98  | 79  | 104 | 105 |
| 276000807129762 | RENNMER    | RENNER   | METIST     | 27         | 89 |    |     |     | TP  | 83  | 92  | 103 | 79  | 101 | 83  | 91  | 96  |
| 276000919284387 | RENNO      | RENNER   | PENNER     | 10         | 92 |    |     |     | TP  | 82  | 93  | 102 | 77  | 87  | 108 | 95  | 92  |
| 276000917347593 | RENOLD     | RENNER   | STREIFEN   | Eu, 6      | 89 |    |     |     | TP? | 89  | 92  | 101 | 93  | 105 | 107 | 91  | 101 |
| 276000814290546 | RENPEG     | RENWART  | WINNIPEG   | 27         | 09 |    | FH2 |     | TP  | 131 | 123 | 109 | 116 | 101 | 102 | 104 | 112 |
| 276000942868836 | RENSING    | RUREIF   | PEPSI      | 17, 3      | 08 |    |     |     | TP  | 113 | 104 | 96  | 122 | 90  | 117 | 96  | 107 |
| 276000814459194 | RENST      | RENWART  | VANSTEIN   | Eu, 27     | 09 |    |     |     | TP  | 109 | 106 | 101 | 109 | 87  | 97  | 97  | 100 |
| 040000605197442 | RENY       | RENNMER  | HORES      | Eu, A3     | 00 |    |     |     | TP  | 81  | 80  | 110 | 91  | 110 | 98  | 84  | 92  |
| 276000935883124 | REPALO     | REPULS   | RALBO      | 10         | 02 |    |     |     | TP  | 91  | 105 | 97  | 75  | 92  | 84  | 87  | 85  |
| 276000911110249 | REPAND     | REPORT   | BALHAN     | Eu, 6      | 95 |    |     |     | TP  | 89  | 101 | 98  | 80  | 88  | 101 | 102 | 96  |
| 276000938994485 | REPANDY    | REPTEIT  | RANDY      | 27         | 04 |    |     |     | TP  | 96  | 91  | 116 | 98  | 114 | 96  | 104 | 102 |
| 276000917766225 | REPASS     | REPORT   | STRASS     | A7, A1, 10 | 98 |    |     |     | TP  | 80  | 95  | 95  | 75  | 107 | 109 | 97  | 103 |
| 276000936318169 | REPDORF    | REPORTER | GS MALF    | Eu, 6      | 02 |    | FH2 |     | TP  | 85  | 94  | 94  | 86  | 111 | 106 | 100 | 84  |
| 276000911085545 | REPELLER   | REPORT   | PROPELLER  | Eu, 27     | 95 |    | FH2 |     | TP  | 88  | 89  | 97  | 99  | 92  | 113 | 103 | 105 |
| 276000911531945 | REPENT     | REPORT   | ZEUS       | Eu, 6      | 95 |    |     |     | TP  | 80  | 92  | 86  | 84  | 88  | 107 | 103 | 106 |
| 276000911531260 | REPEUS     | REPORT   | ZEUS       | Eu, 27     | 95 |    |     |     | TP  | 91  | 103 | 98  | 79  | 100 | 97  | 96  | 95  |
| 276000936171550 | REPLAND    | REPULS   | RAMBO      | 2          | 02 |    |     |     | TP  | 109 | 107 | 112 | 97  | 108 | 116 | 97  | 98  |
| 276000936171551 | REPONN     | REPULS   | RAMBO      | 3, 17      | 02 |    |     |     | TP  | 96  | 104 | 99  | 86  | 109 | 110 | 93  | 92  |
| 276000919598352 | REPORT     | RENNER   | HORROR     | Eu, 6      | 89 |    |     |     | TP  | 76  | 96  | 93  | 67  | 100 | 93  | 103 | 102 |
| 276000911005903 | REPORTER   | REPORT   | STROMUL    | Eu, 6, 3   | 95 |    |     |     | TP  | 77  | 89  | 100 | 76  | 102 | 81  | 91  | 99  |
| 276000916067876 | REPRONN    | REPORT   | HORB       | Eu, 6      | 96 |    |     |     | TP  | 66  | 84  | 89  | 71  | 95  | 105 | 108 | 97  |
| 276000935728765 | REPSA      | REPORTER | HORWART    | Eu, 6      | 02 |    |     |     | TP  | 89  | 101 | 90  | 83  | 108 | 94  | 101 | 88  |
| 276000938744900 | REPTAL     | REPTEIT  | GS MALHAX  | Eu, 6      | 04 |    | FH2 |     |     | 94  | 87  | 103 | 110 | 96  | 96  | 107 | 99  |
| 276000933869219 | REPTER     | REPORTER | MOTIV      | Eu, 6, 3   | 02 |    |     |     | TP  | 83  | 83  | 104 | 96  | 78  | 91  | 87  | 100 |
| 276000915927114 | REPTIL     | REPORT   | PLANKTON   | Eu, 6      | 95 |    |     |     | TP  | 68  | 84  | 87  | 75  | 99  | 91  | 91  | 90  |
| 276000917201986 | REPUBLIK   | RENGER   | STREITL    | 10, 16     | 96 |    |     | ZDL |     | 105 | 96  | 106 | 112 | 95  | 121 | 100 | 96  |
| 276000918923322 | REPUS      | REPORT   | STACHUS    | A1, A7, 10 | 96 |    |     |     | TP? | 96  | 97  | 99  | 99  | 96  | 103 | 96  | 102 |
| 276000917185391 | REPZIN     | REPORT   | STRASS     | 3, 6       | 96 |    |     |     | TP  | 56  | 76  | 103 | 56  | 98  | 101 | 104 | 93  |
| 276000935718210 | RERE       | RESTER   | REPORT     | Eu, 9, 3   | 01 |    |     |     | TP  | 86  | 88  | 113 | 88  | 114 | 113 | 94  | 100 |
| 276000917201974 | RESAL      | RENGER   | HORB       | Eu, 6      | 96 |    |     |     | TP  | 102 | 100 | 109 | 97  | 102 | 116 | 99  | 107 |
| 276000937134173 | RESAND     | RESAL    | REPORT     | Eu, 6      | 03 |    |     |     | TP  | 99  | 105 | 101 | 89  | 89  | 102 | 98  | 100 |
| 276000915154054 | RESCH      | RENGER   | DIRTECK    | Eu, 6      | 96 |    |     |     | TP  | 93  | 92  | 111 | 94  | 99  | 121 | 97  | 98  |
| 276000937990831 | RESEGO     | RESAL    | STEGO      | Eu, 6      | 03 |    |     |     | TP  | 86  | 85  | 107 | 92  | 87  | 121 | 91  | 92  |
| 276000811180710 | RESIDENT   | REPORT   | RONALD     | 27         | 98 |    |     |     | TP  | 58  | 79  | 95  | 55  | 92  | 105 | 92  | 99  |
| 276000936697979 | RESMON     | RESAL    | HONSAM     | Eu, 6, 9   | 03 |    |     |     | TP  | 111 | 101 | 112 | 111 | 99  | 103 | 101 | 105 |
| 276000937694254 | RESOLUT    | REMONT   | STEGO      | 16, AV, 10 | 03 |    |     |     | TP  | 132 | 128 | 115 | 103 | 98  | 101 | 101 | 102 |
| 040000549762672 | RESONANZ   | REPTEIT  | GS MALF    | 2          | 04 |    | FH2 |     |     | 95  | 91  | 96  | 108 | 100 | 89  | 115 | 105 |
| 040000547400271 | RESOR      | ROMEN    | HALF       |            | 95 |    | FH2 |     |     | 81  | 83  | 91  | 98  | 85  | 100 | 89  | 94  |
| 040000449548633 | RESTOP     | REPORT   | STREITL    | A1, 17, 10 | 97 |    |     |     | TP  | 80  | 88  | 93  | 85  | 111 | 83  | 90  | 99  |
| 040000645706107 | RET        | REPTEIT  | HORWEIN    | A1, A7     | 04 |    | FH2 |     |     | 100 | 98  | 108 | 99  | 104 | 98  | 108 | 102 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name              | Vater     | MV          | Station    | J. | DW        | FH2        | ZDL        | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-------------------|-----------|-------------|------------|----|-----------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000812775341 | <b>RETARRY</b>    | REGENS    | LOTARRY     | 27         | 03 |           |            |            | TP  | 88  | 94  | 106 | 84  | 115 | 107 | 94  | 106 |
| 276000937025219 | <b>RETRAKT</b>    | RENTAR    | RANDY       | Eu, 6, A3  | 03 |           |            |            | TP  | 113 | 107 | 98  | 114 | 89  | 87  | 110 | 109 |
| 276000930049438 | <b>RETRO</b>      | REPORT    | ROMEN       | 17, A1, 10 | 97 |           |            |            | TP  | 82  | 92  | 91  | 84  | 97  | 99  | 100 | 87  |
| 276000810912092 | <b>RETRO</b>      | REPORT    | HORROR      | 27         | 98 |           |            |            | TP  | 75  | 82  | 102 | 81  | 112 | 104 | 100 | 101 |
| 276000937025238 | <b>RETSINA</b>    | RENTAR    | RANDY       | 10, 2, 16  | 03 |           |            |            | TP  | 98  | 91  | 95  | 117 | 89  | 110 | 109 | 102 |
| 276000932574091 | <b>RETTUNG</b>    | RENNER    | MOBART      | 17         | 99 |           | <b>FH2</b> |            |     | 77  | 87  | 100 | 78  | 98  | 101 | 106 | 79  |
| 040000838944334 | <b>RETURN</b>     | RENNER    | HAXL        | A1, 10, 17 | 99 |           |            |            | TP  | 82  | 81  | 77  | 113 | 100 | 124 | 105 | 112 |
| 040000242975845 | <b>RETZ (A*)</b>  | ROMEL (A) | GS WAX      | Eu, A3, 6  | 01 |           |            |            | TP  | 110 | 97  | 100 | 126 | 89  | 92  | 103 | 119 |
| 276000931412866 | <b>REUTL</b>      | RENNER    | STREITL     | 17, A1, 10 | 98 |           |            | <b>ZDL</b> |     | 64  | 79  | 85  | 78  | 89  | 91  | 106 | 107 |
| 276000936276873 | <b>REVANCHE</b>   | RANGUN    | ROMEN       | 10, 16     | 02 |           |            |            | TP  | 87  | 89  | 89  | 102 | 102 | 102 | 88  | 95  |
| 276000943739625 | <b>REVIER</b>     | GS RAU    | WINNIPEG    | A1, 17     | 08 |           |            |            | TP  | 124 | 119 | 108 | 108 | 110 | 107 | 102 | 113 |
| 276000937380346 | <b>REWART</b>     | REPULS    | HORWART     | Eu, 9, 17  | 03 |           | <b>FH2</b> |            |     | 93  | 91  | 103 | 100 | 117 | 105 | 117 | 111 |
| 040000593886545 | <b>REX</b>        | RANDY     | PASCAL      | Eu, A3     | 01 |           |            |            | TP  | 97  | 101 | 99  | 95  | 92  | 96  | 90  | 109 |
| 276000932739382 | <b>REX</b>        | RENNER    | HORST       | 2          | 99 |           |            |            | TP  | 75  | 85  | 92  | 83  | 103 | 95  | 105 | 107 |
| 276000939209091 | <b>REXBO</b>      | RUBEL     | HODACH      | 17         | 04 |           |            |            | TP  | 96  | 83  | 93  | 127 | 94  | 119 | 112 | 99  |
| 040000606072433 | <b>REXIL</b>      | RENGER    | STREITL     | A1, 17, 10 | 96 |           |            |            | TP  | 74  | 76  | 120 | 81  | 108 | 127 | 99  | 97  |
| 040000325880734 | <b>REXOR</b>      | REPORT    | HORWEIN     | A1, A7, 10 | 99 |           |            |            | TP  | 75  | 83  | 94  | 85  | 123 | 114 | 92  | 90  |
| 040000273924414 | <b>REZESS</b>     | RESS      | MORROR      | A7, A1, 17 | 06 | <b>DW</b> |            |            |     | 91  | 94  | 96  | 98  | 106 | 112 | 106 | 103 |
| 276000942844441 | <b>RHEINGAU</b>   | RUREX *TA | WINNIPEG    | 10, 16     | 08 |           | <b>FH2</b> |            |     | 123 | 116 | 116 | 108 | 97  | 114 | 97  | 98  |
| 040000762510147 | <b>RHEINGOLD</b>  | REGIO     | ROMEN       | Eu, A3, A5 | 02 |           |            |            | TP  | 101 | 95  | 96  | 115 | 105 | 109 | 113 | 113 |
| 276000936490229 | <b>RHEINPORT</b>  | RHEINGOLD | REPORT      | 10         | 02 |           |            |            | TP  | 91  | 94  | 97  | 94  | 97  | 91  | 82  | 88  |
| 276000937275326 | <b>RHEINTAL</b>   | RESAL     | GEBAL       | 10, 16     | 03 |           |            |            | TP  | 98  | 94  | 106 | 102 | 86  | 128 | 107 | 105 |
| 276000936895274 | <b>RHENANIA</b>   | RENTANO   | SAMURAI     | 10, 16     | 02 |           |            |            | TP  | 104 | 94  | 112 | 109 | 106 | 118 | 104 | 104 |
| 276000938644640 | <b>RHODOS</b>     | REPTEIT   | RALBO       | 10         | 04 |           |            |            | TP  | 102 | 92  | 110 | 109 | 100 | 99  | 109 | 90  |
| 040000315567247 | <b>RIBA</b>       | RUMBA     | PICKEL RED  | A7, A3, A1 | 02 |           |            |            | TP  | 84  | 81  | 98  | 102 | 104 | 93  | 85  | 100 |
| 276000934965197 | <b>RIBLET</b>     | RALBIT    | ROMEN       | Eu, 6      | 01 |           |            |            | TP  | 108 | 100 | 108 | 110 | 109 | 110 | 98  | 99  |
| 276000934742212 | <b>RIBOS</b>      | RALBIT    | ROMEN       | Eu, 6      | 00 |           |            |            | TP  | 108 | 97  | 121 | 108 | 114 | 128 | 101 | 88  |
| 276000935684094 | <b>RICKEN</b>     | RUMBA     | GS MALF     | 17, A1, A7 | 02 |           | <b>FH2</b> |            |     | 90  | 88  | 109 | 96  | 113 | 120 | 83  | 93  |
| 276000934126727 | <b>RICOLA</b>     | ROLO      | RAIDER      | 10, 16     | 00 |           |            |            | TP  | 85  | 93  | 97  | 86  | 95  | 101 | 76  | 83  |
| 276000915969568 | <b>RIED</b>       | REDER     | HORWEIN     | Eu, 6, 9   | 95 |           |            |            | TP  | 87  | 90  | 92  | 97  | 88  | 101 | 90  | 101 |
| 276000943105592 | <b>RIEDHEIM</b>   | ROUND UP  | MANDL       | 10, 16     | 09 |           |            |            | TP  | 103 | 107 | 95  | 99  | 106 | 108 | 96  | 90  |
| 276000919745876 | <b>RIEGEL</b>     | RENGER    | STREITL     | 17, 2, 3   | 96 |           |            |            | TP  | 97  | 93  | 102 | 104 | 99  | 120 | 114 | 100 |
| 040000343101142 | <b>RIESLING</b>   | RAUBLING  | BOIS LE VIN | Eu, A3     | 02 |           |            |            | TP  | 113 | 114 | 108 | 95  | 112 | 95  | 100 | 99  |
| 276000943769920 | <b>RIFIFI *TA</b> | ROUND UP  | SAFIR       | 10, 16     | 09 |           |            |            | TP  | 116 | 110 | 103 | 113 | 104 | 114 | 107 | 114 |
| 040000509387772 | <b>RIGA</b>       | GS REHARD | RUMBA       | Eu, A3, A1 | 03 |           |            |            | TPr | 102 | 103 | 104 | 98  | 111 | 102 | 113 | 120 |
| 276000944442996 | <b>RIH *TA</b>    | RESOLUT   | MANDELA     | 10, 16     | 09 |           |            |            | TP  | 131 | 123 | 118 | 113 | 96  | 102 | 113 | 106 |
| 040000337279611 | <b>RIKI</b>       | ROTT      | MAGNET      | Eu, A3     | 98 | <b>DW</b> |            |            |     | 79  | 78  | 90  | 106 | 93  | 112 | 97  | 82  |
| 276000938716140 | <b>RILKE</b>      | RIMILI    | MALEFIZ     | 10         | 04 |           |            |            | TP  | 101 | 108 | 92  | 93  | 105 | 96  | 109 | 98  |
| 276000934947181 | <b>RILL</b>       | RALBIT    | HUMBERG     | Eu, 6      | 00 |           |            |            | TP  | 99  | 99  | 103 | 99  | 99  | 108 | 105 | 90  |
| 276000938607978 | <b>RIMBA</b>      | REPTEIT   | STEGO       | 17         | 04 |           |            |            | TP  | 115 | 102 | 114 | 118 | 115 | 93  | 121 | 107 |
| 276000931052885 | <b>RIMILI</b>     | REPORT    | MOBART      | 10, 16     | 97 |           | <b>FH2</b> |            | TP  | 89  | 103 | 94  | 78  | 108 | 95  | 108 | 98  |
| 276000938716141 | <b>RIMSKI</b>     | RIMILI    | ROGEN       | Eu, 6      | 04 |           | <b>FH2</b> |            |     | 104 | 112 | 98  | 87  | 97  | 98  | 103 | 108 |
| 276000936280261 | <b>RIMSTING</b>   | RUMBA     | HACK        | 10, 16     | 01 |           |            |            | TP  | 93  | 92  | 99  | 101 | 84  | 111 | 84  | 97  |
| 276000931545100 | <b>RINGEL</b>     | RENNO     | SPIRO       | Eu, 6      | 98 |           |            |            | TP  | 83  | 91  | 111 | 77  | 104 | 114 | 93  | 95  |
| 040000073852734 | <b>RINGO</b>      | RENNMER   | PICKEL RED  | Eu, A5     | 99 |           |            |            | TP  | 79  | 78  | 98  | 99  | 101 | 84  | 95  | 100 |
| 276000937966676 | <b>RINO</b>       | REGENS    | REPORT      | 17, 10     | 03 |           |            |            | TP  | 100 | 101 | 80  | 108 | 99  | 108 | 113 | 112 |
| 040000083210909 | <b>RINOS</b>      | REPTEIT   | STEGO       | A1, A7     | 05 |           | <b>FH2</b> |            |     | 100 | 96  | 99  | 109 | 99  | 91  | 104 | 97  |
| 276000934955366 | <b>RINSER</b>     | RALBIT    | LOTUS       | Eu, 6      | 00 |           |            |            | TP  | 122 | 113 | 117 | 110 | 113 | 106 | 87  | 102 |
| 040000191782217 | <b>RIO</b>        | GS RUMGO  | SAFIR       | Eu, A3     | 09 |           | <b>FH2</b> |            | TP  | 122 | 120 | 106 | 104 | 91  | 98  | 102 | 100 |
| 276000931610070 | <b>RIO</b>        | REPORT    | HORB        | 2          | 98 |           |            |            | TP  | 86  | 88  | 100 | 96  | 88  | 110 | 107 | 87  |
| 040000273651616 | <b>RIOGRANDE</b>  | RECHBERG  | WARAN       | Eu, A3     | 08 |           |            |            | TP  | 105 | 110 | 96  | 92  | 98  | 88  | 97  | 106 |
| 276000934282958 | <b>RIRICH</b>     | RALBIT    | STRICH      | Eu, 6      | 00 |           |            |            | TP  | 103 | 101 | 104 | 103 | 101 | 122 | 106 | 90  |
| 040000706436314 | <b>RISTO</b>      | ROMSEL    | MANDL       | Eu, A8, A3 | 07 | <b>DW</b> |            |            |     | 109 | 98  | 106 | 116 | 89  | 108 | 103 | 95  |
| 276000935135289 | <b>RISULT</b>     | RALBIT    | LOTHAR      | Eu, 6      | 01 |           |            |            | TP  | 97  | 96  | 106 | 98  | 101 | 116 | 86  | 92  |
| 276000938818204 | <b>RITTMEISTE</b> | ROBERTO   | WESPE       | 10, 16     | 04 |           | <b>FH2</b> |            |     | 117 | 119 | 101 | 99  | 98  | 106 | 90  | 85  |
| 276000937751824 | <b>RITUS</b>      | ROCKET    | RADAU       | A1, 17     | 03 |           |            | <b>ZDL</b> |     | 105 | 100 | 94  | 113 | 108 | 84  | 107 | 90  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                 | Vater      | MV       | Station    | J. | DW | FH2 | ZDL | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------------|------------|----------|------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000933796949 | <b>RITZ</b>          | RALBIT     | STREUF   | Eu, 6      | 00 |    |     |     | TP  | 87  | 81  | 115 | 98  | 110 | 131 | 99  | 93  |
| 040000065400972 | <b>RIVALDO</b>       | GS REINER  | GS WAX   | Eu, A3     | 03 |    |     |     | TP  | 107 | 105 | 86  | 113 | 95  | 85  | 105 | 102 |
| 276000917193608 | <b>RIVOLT</b>        | RALBIT     | HACK     | Eu, 6      | 00 |    |     |     | TP  | 92  | 97  | 86  | 100 | 110 | 112 | 86  | 100 |
| 276000579191678 | <b>RIWEIN</b>        | RALBIT     | HORWEIN  | Eu, 6, A5  | 01 |    |     |     | TP  | 109 | 95  | 98  | 128 | 98  | 129 | 102 | 96  |
| 276000934617503 | <b>ROAGASPITZ</b>    | RAMBA      | DIRTECK  | 10, 16     | 01 |    |     |     | TP  | 65  | 79  | 87  | 76  | 100 | 101 | 98  | 87  |
| 276000943755251 | <b>ROB ROY</b>       | ROUND UP   | RUAP     | 10, 16     | 09 |    |     |     | TP  | 111 | 103 | 106 | 113 | 100 | 107 | 111 | 102 |
| 040000298704845 | <b>ROBERT</b>        | RALL       | MUCKI II | Eu, A3     | 00 | DW |     |     |     | 89  | 98  | 99  | 83  | 96  | 86  | 96  | 103 |
| 276000918565076 | <b>ROBERT</b>        | RALBO      | HORB     | 17, A1, 10 | 95 |    |     |     | TP  |     |     |     |     |     |     |     |     |
| 040000799248642 | <b>ROBERTUS</b>      | ROBERT     | REPORT   | Eu, A3     | 01 |    |     |     | TP  | 79  | 87  | 107 | 80  | 92  | 95  | 82  | 70  |
| 276000935160658 | <b>ROBLIK</b>        | ROGEN      | RALBIT   | Eu, 9      | 02 |    |     |     | TP  | 105 | 101 | 106 | 104 | 101 | 102 | 96  | 99  |
| 276000813977564 | <b>ROCHBIT</b>       | ROCHUS     | RALBIT   | Eu, 27     | 08 |    |     |     | TP  | 118 | 116 | 108 | 103 | 98  | 106 | 98  | 99  |
| 276000936647732 | <b>ROCHELLE</b>      | ROCHEN     | HORWART  | 10, 16     | 02 |    |     |     | TP  | 108 | 105 | 102 | 106 | 95  | 105 | 103 | 92  |
| 276000942563806 | <b>ROCHETT</b>       | ROCHUS     | ERGO     | Eu, 6      | 08 |    |     |     | TP  | 109 | 104 | 101 | 111 | 109 | 112 | 94  | 124 |
| 276000942752563 | <b>ROCHKAN</b>       | ROCHUS     | MANDL    | Eu, 6, A3  | 08 |    | FH2 |     | TP  | 118 | 111 | 115 | 108 | 94  | 97  | 94  | 119 |
| 276000943021867 | <b>ROCHLITZ</b>      | ROCHUS     | HUPRICH  | Eu, 6, 9   | 08 |    |     |     | TP  | 118 | 114 | 104 | 110 | 91  | 96  | 93  | 117 |
| 276000944284080 | <b>ROCHSTEIN *TA</b> | ROCHUS     | WEINOLD  | Eu, 6, 9   | 09 |    |     |     | TP  | 113 | 113 | 102 | 103 | 95  | 89  | 101 | 101 |
| 276000813984805 | <b>ROCHUM</b>        | ROCHUS     | HUMLANG  | Eu, 27, A5 | 08 |    |     |     | TP  | 112 | 113 | 93  | 107 | 98  | 100 | 105 | 120 |
| 276000936579953 | <b>ROCHUS</b>        | ROCHEN     | SAMURAI  | Eu, 6      | 02 |    |     |     | TP  | 104 | 102 | 101 | 104 | 93  | 89  | 88  | 114 |
| 276000813984788 | <b>ROCHWAL</b>       | ROCHUS     | WALBO    | Eu, 27     | 08 |    |     |     | TP? | 103 | 101 | 91  | 108 | 99  | 95  | 101 | 109 |
| 276000942752561 | <b>ROCHZON</b>       | ROCHUS     | MANDL    | Eu, 6      | 08 |    |     |     | TP  | 107 | 116 | 96  | 90  | 92  | 94  | 86  | 102 |
| 276000935575701 | <b>ROCKY</b>         | RAMBA      | ROMEN    | 17         | 01 |    |     |     | TP  | 88  | 87  | 106 | 96  | 107 | 112 | 106 | 104 |
| 276000942666811 | <b>RODAU</b>         | ROCHUS     | RADAU    | Eu, 27     | 07 |    |     |     | TP  | 103 | 102 | 105 | 99  | 93  | 99  | 94  | 110 |
| 040000921762842 | <b>RODIX</b>         | ROBERT     | DIPEX    | A1, A5, A3 | 01 |    |     |     | TP  | 97  | 94  | 123 | 91  | 107 | 124 | 85  | 84  |
| 276000940031572 | <b>RODO</b>          | RAINER     | WESPE    | 10, 16     | 06 |    | FH2 |     |     | 109 | 107 | 120 | 93  | 105 | 118 | 97  | 85  |
| 276000942580530 | <b>ROECKELEIN</b>    | ROCHUS     | MALIFT   | Eu, 6, 9   | 08 |    |     |     | TP  | 101 | 103 | 99  | 99  | 106 | 105 | 96  | 109 |
| 276000934337600 | <b>ROGL</b>          | ROLO       | EGOL (A) | A1, A7, 10 | 00 |    | FH2 |     |     | 83  | 88  | 109 | 79  | 96  | 108 | 93  | 85  |
| 276000938403528 | <b>ROHSTAHL</b>      | RUBEL      | PROMO    | 10, 16     | 03 |    | FH2 |     | TP  | 110 | 105 | 106 | 108 | 100 | 115 | 120 | 95  |
| 276000940600226 | <b>ROIBANDL</b>      | ROIBOS     | MANDL    | Eu, 6, 9   | 06 |    |     |     | TP  | 106 | 105 | 102 | 104 | 108 | 116 | 102 | 94  |
| 276000940562777 | <b>ROINOX</b>        | ROIBOS     | WEINOX   | 16, 10     | 06 |    | FH2 |     |     | 92  | 102 | 101 | 82  | 112 | 102 | 93  | 108 |
| 276000942498652 | <b>ROKUR</b>         | ROCHUS     | MERKUR   | Eu, 27     | 08 |    |     |     | TP  | 111 | 115 | 94  | 101 | 87  | 96  | 93  | 112 |
| 276000813250415 | <b>ROLANG</b>        | ROMSEL     | HUMLANG  | Eu, 27     | 05 |    |     |     | TP  | 98  | 104 | 88  | 95  | 101 | 98  | 109 | 111 |
| 040000240386145 | <b>ROLAX</b>         | ROLO       | GS MALF  | A1, A3, A5 | 00 |    | FH2 |     |     | 93  | 93  | 101 | 98  | 109 | 93  | 96  | 105 |
| 276000940731839 | <b>ROLDAN</b>        | RAINER     | RANDY    | 17         | 06 |    |     |     | TP  | 116 | 122 | 106 | 93  | 111 | 88  | 100 | 104 |
| 276000933089117 | <b>ROLETT</b>        | ROLO       | HORWEIN  | 3, 17      | 00 |    | FH2 |     |     | 92  | 90  | 100 | 103 | 87  | 98  | 95  | 97  |
| 276000942887854 | <b>ROLLAU</b>        | ROUND UP   | DINO     | 3          | 08 |    |     |     | TP  | 113 | 105 | 112 | 108 | 98  | 90  | 101 | 111 |
| 276000943557950 | <b>ROLLOS</b>        | ROUND UP   | REGIO    | 3          | 09 |    |     |     | TP  | 122 | 115 | 116 | 106 | 102 | 101 | 98  | 102 |
| 276000933089124 | <b>ROLWEIN</b>       | ROLO       | HORWEIN  | Eu, 6      | 00 |    | FH2 |     |     | 104 | 108 | 99  | 94  | 109 | 96  | 84  | 83  |
| 276000942650247 | <b>ROM</b>           | RORB TA    | WINNIPEG | Eu, A3     | 08 |    |     |     | TP  | 112 | 104 | 108 | 110 | 101 | 108 | 99  | 103 |
| 276000942190993 | <b>ROMANOV</b>       | ROMTELL TA | SAMUT    | Eu, 6      | 07 |    |     |     | TP  | 108 | 109 | 99  | 100 | 98  | 101 | 106 | 90  |
| 276000943297859 | <b>ROMANOW</b>       | ROCHUS     | RADIAL   | 10, 16     | 08 |    |     |     | TP  | 105 | 99  | 113 | 104 | 93  | 98  | 89  | 111 |
| 276000943557945 | <b>ROMBUS</b>        | ROUND UP   | RUMBA    | 16, 10     | 08 |    |     |     | TP  | 115 | 115 | 115 | 93  | 112 | 118 | 107 | 95  |
| 276000941516777 | <b>ROMDI</b>         | ROMSEL     | POLDI    | 16, 10     | 07 |    |     |     | TP  | 100 | 96  | 93  | 111 | 84  | 106 | 102 | 108 |
| 276000941627810 | <b>ROMEGIO</b>       | ROMSEL     | REGIO    | Eu, 27     | 07 |    |     |     | TP  | 94  | 93  | 85  | 110 | 99  | 113 | 103 | 117 |
| 276000932145613 | <b>ROMEO</b>         | ROMEN      | REPORT   | Eu, A3     | 98 |    |     |     | TP  | 101 | 96  | 90  | 113 | 98  | 101 | 118 | 116 |
| 276000939471831 | <b>ROMERO</b>        | ROMEO      | BOSS     | Eu, A3, A5 | 04 |    |     |     | TP  | 103 | 100 | 85  | 114 | 95  | 105 | 117 | 113 |
| 276000941541566 | <b>ROMHERZ</b>       | ROMTELL TA | RUMBA    | Eu, 6      | 07 |    |     |     | TP  | 109 | 98  | 111 | 113 | 109 | 116 | 108 | 103 |
| 276000943241009 | <b>ROMINTEN</b>      | ROUND UP   | REGIO    | 10, 16     | 08 |    |     |     | TP  | 109 | 106 | 105 | 109 | 95  | 110 | 111 | 109 |
| 276000935412469 | <b>ROMPOR</b>        | ROMEL (A)  | REPORT   | A7, A1, 10 | 01 |    |     |     | TP  | 75  | 85  | 105 | 78  | 94  | 104 | 109 | 82  |
| 276000942890411 | <b>ROMTY</b>         | ROMTELL TA | RANDY    | 10, 16     | 08 |    |     |     | TP  | 121 | 118 | 102 | 108 | 99  | 111 | 103 | 106 |
| 276000943003272 | <b>ROMUALD</b>       | ROUND UP   | MADERA   | 10, 16     | 08 |    |     |     | TP  | 115 | 109 | 109 | 107 | 103 | 99  | 99  | 102 |
| 276000942223265 | <b>ROMWITZ</b>       | ROMTELL TA | RIMILI   | Eu, 6, 9   | 07 |    |     |     | TP  | 104 | 99  | 109 | 103 | 111 | 101 | 105 | 109 |
| 276000813329908 | <b>ROMY</b>          | ROMSEL     | RANDY    | 27         | 06 | DW |     |     |     | 89  | 97  | 88  | 92  | 82  | 107 | 99  | 101 |
| 276000938275507 | <b>RONALDO</b>       | REGENS     | ROLO     | 10         | 03 |    |     |     | TP  |     |     |     |     |     |     |     |     |
| 276000935674898 | <b>RONCALI</b>       | RUMBA      | SPORT    | 17, 3      | 01 |    |     |     | TP  | 106 | 102 | 90  | 114 | 116 | 114 | 122 | 109 |
| 276000943003275 | <b>RONDO</b>         | ROUND UP   | ROGEN    | 2          | 08 |    |     |     | TP  | 122 | 114 | 125 | 103 | 108 | 123 | 99  | 108 |
| 276000812613452 | <b>RONER</b>         | REGENS     | HONER    | 27         | 03 |    |     |     | TP  | 91  | 95  | 101 | 90  | 105 | 102 | 102 | 96  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                | Vater        | MV        | Station    | J. | DW        | FH2        | ZDL        | TP         | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|---------------------|--------------|-----------|------------|----|-----------|------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000947406549 | <b>RONGAI *TA</b>   | ROMARIO      | WINNIPEG  | 10, 16     | 12 |           | <b>FH2</b> |            |            | 129 | 118 | 102 | 127 | 102 | 100 | 111 | 108 |
| 040000729676516 | <b>RONN</b>         | ROUND UP     | GS MALPEN | Eu, A3, 6  | 08 |           |            |            | <b>TP</b>  | 122 | 115 | 126 | 103 | 109 | 103 | 104 | 103 |
| 276000943068883 | <b>ROOSEVELT</b>    | RUMEN *TA    | HUMID     | Eu, 6, A5  | 08 |           |            | <b>ZDL</b> |            | 114 | 114 | 99  | 106 | 95  | 99  | 102 | 100 |
| 276000936558166 | <b>ROOSEVELT</b>    | REITER       | ZEURAD    | 10, 16     | 02 |           |            | <b>ZDL</b> |            | 80  | 85  | 93  | 92  | 92  | 93  | 93  | 102 |
| 276000934126723 | <b>RORA</b>         | ROLO         | RAIDER    | Eu, 9      | 00 |           |            |            | <b>TP</b>  | 101 | 110 | 106 | 82  | 89  | 91  | 86  | 101 |
| 380031000109869 | <b>ROSALON</b>      | RUMBA        | STREIMON  |            | 03 |           |            |            | <b>TP?</b> | 80  | 78  | 94  | 102 | 121 | 124 | 102 | 104 |
| 380031000105333 | <b>ROSCO</b>        | RANDY        | REXON (A) |            | 01 |           |            |            | <b>TP</b>  | 92  | 92  | 106 | 94  | 88  | 110 | 103 | 94  |
| 276000918194401 | <b>ROSENHORN P</b>  | ROSENBERGER  | REPORT    | Eu, 6      | 05 |           |            | <b>ZDL</b> |            | 95  | 84  | 114 | 110 | 96  | 115 | 101 | 113 |
| 276000939471874 | <b>ROSENQUARZ</b>   | ROMEO        | BOSS      | 10, 16     | 05 |           |            |            | <b>TP</b>  | 115 | 106 | 91  | 123 | 99  | 95  | 115 | 118 |
| 276000813516423 | <b>ROSHUM</b>       | ROMSEL       | HUMLANG   | Eu, 27     | 06 | <b>DW</b> |            |            |            | 119 | 122 | 73  | 114 | 90  | 96  | 105 | 110 |
| 276000942498633 | <b>ROSIR</b>        | ROCHUS       | SAFIR     | Eu, 27     | 08 |           |            |            | <b>TP?</b> | 102 | 96  | 99  | 112 | 108 | 101 | 110 | 114 |
| 276000918607685 | <b>ROSITO</b>       | RALBO        | STREITL   | 17, A1     | 95 |           |            | <b>ZDL</b> |            | 98  | 96  | 100 | 103 | 95  | 101 | 87  | 90  |
| 276000936157771 | <b>ROSMAR</b>       | ROSNER       | RADAR     | Eu, 6      | 02 |           |            |            | <b>TP</b>  | 95  | 93  | 71  | 121 | 86  | 98  | 97  | 92  |
| 276000942429873 | <b>ROSOLIO</b>      | RUMEN *TA    | EILIG *TA | Eu, 6, 9   | 08 |           |            | <b>ZDL</b> |            | 117 | 114 | 99  | 111 | 98  | 98  | 114 | 102 |
| 040000365663245 | <b>ROSS</b>         | RANDY        | BOSS      | Eu, A8, A3 | 01 |           |            |            | <b>TP</b>  | 86  | 84  | 92  | 105 | 88  | 104 | 81  | 104 |
| 276000938942135 | <b>ROSSHAAR</b>     | RUBEL        | BOSS      | 10, 2, 16  | 04 |           |            |            | <b>TP</b>  | 102 | 100 | 93  | 109 | 94  | 109 | 114 | 102 |
| 040000376002614 | <b>ROSSI</b>        | RORB TA      | MANDL     | Eu, A3, 6  | 08 |           | <b>FH2</b> |            |            | 113 | 112 | 106 | 97  | 104 | 97  | 111 | 113 |
| 276000942852490 | <b>ROSSINI</b>      | RUMEN *TA    | HUMID     | Eu, 6, A3  | 08 |           |            | <b>ZDL</b> |            | 106 | 100 | 95  | 117 | 89  | 112 | 102 | 108 |
| 276000912560339 | <b>ROSSINI</b>      | REDER        | HODSCHA   | 10, 16     | 96 |           |            |            | <b>TP</b>  | 68  | 92  | 67  | 73  | 88  | 91  | 82  | 88  |
| 276000943482073 | <b>ROSSWAND *TA</b> | RUAKANA      | ILION     | 10, AV, 16 | 09 |           |            |            | <b>TP</b>  | 124 | 119 | 98  | 117 | 103 | 114 | 113 | 108 |
| 040000185330972 | <b>ROSTOV</b>       | REGIO        | HERON     | Eu, A3     | 03 |           |            |            | <b>TP</b>  | 107 | 106 | 114 | 96  | 123 | 112 | 110 | 111 |
| 276000943378820 | <b>ROTAG</b>        | ROUND UP     | ROCHEN    | 3, A1      | 08 |           |            |            | <b>TP</b>  | 97  | 97  | 107 | 95  | 100 | 121 | 112 | 107 |
| 276000936528886 | <b>ROTARIO</b>      | RUMBA        | WINZER    | 17         | 02 |           |            |            | <b>TP</b>  | 105 | 103 | 96  | 106 | 108 | 110 | 84  | 107 |
| 276000941035810 | <b>ROTATOR</b>      | ROIBOS       | WESPE     | 10, 16     | 06 |           |            | <b>ZDL</b> |            | 105 | 106 | 90  | 109 | 111 | 110 | 104 | 98  |
| 276000943258351 | <b>ROTBERG</b>      | ROUND UP     | RÜGEN     | 2          | 09 |           |            |            | <b>TP</b>  | 123 | 114 | 115 | 110 | 105 | 113 | 102 | 109 |
| 276000943557967 | <b>ROTDORN *TA</b>  | ROUND UP     | ROIBOS    | 10, AV, 16 | 09 |           |            |            | <b>TP</b>  | 118 | 111 | 106 | 115 | 96  | 110 | 108 | 100 |
| 276000935983701 | <b>ROTGLUT</b>      | ROMLET       | HONER     | 3, 9       | 02 |           |            |            | <b>TP</b>  | 102 | 105 | 103 | 94  | 84  | 101 | 87  | 100 |
| 276000934488053 | <b>ROTHOLZ</b>      | RALBIT       | HODACH    | 10, 16     | 01 |           |            |            | <b>TP</b>  | 99  | 97  | 102 | 103 | 111 | 117 | 87  | 102 |
| 276000943536302 | <b>ROTMILAN</b>     | ROUND UP     | RUAP      | 10, 16     | 09 |           |            |            | <b>TP</b>  | 107 | 105 | 96  | 113 | 88  | 111 | 108 | 100 |
| 276000933422659 | <b>ROTOR</b>        | ROLO         | GS MALF   | Eu, 6, 9   | 00 |           | <b>FH2</b> |            |            | 104 | 92  | 106 | 115 | 99  | 124 | 94  | 107 |
| 276000936490240 | <b>ROTT</b>         | RHEINGOLD    | GS MALF   | 17, 3, 10  | 02 |           |            |            | <b>TP</b>  | 95  | 97  | 120 | 83  | 111 | 106 | 90  | 84  |
| 276000917192500 | <b>ROTT PS</b>      | ROUND UP     | HIPPO     | 16, 10     | 10 |           |            |            | <b>TP</b>  | 110 | 108 | 113 | 95  | 102 | 110 | 107 | 101 |
| 276000930049672 | <b>ROTTAL</b>       | REPORT       | RALBO     | 17         | 97 |           |            |            | <b>TP</b>  | 84  | 101 | 90  | 74  | 114 | 104 | 120 | 94  |
| 276000942663278 | <b>ROTTERS DOR</b>  | RUREX *TA    | MORROR    | 10, 2, 16  | 08 |           |            |            | <b>TP</b>  | 118 | 108 | 110 | 114 | 99  | 106 | 106 | 119 |
| 276000942734631 | <b>ROTTMARING P</b> | RALMESBACH F | HUCKEL    | Eu, 6      | 08 |           | <b>FH2</b> |            | <b>TP</b>  | 125 | 119 | 91  | 126 | 96  | 114 | 104 | 96  |
| 276000946527610 | <b>ROTTMOOS Pp</b>  | REISELBERG P | RESOLUT   | 17         | 11 |           |            |            | <b>TP</b>  | 133 | 128 | 107 | 114 | 93  | 87  | 112 | 115 |
| 276000944010313 | <b>ROTUNDE</b>      | ROUND UP     | HONRA     | Eu, 9      | 09 |           |            |            | <b>TP</b>  | 111 | 102 | 114 | 112 | 95  | 108 | 99  | 104 |
| 276000943607026 | <b>ROUBAIX</b>      | ROUND UP     | WINNIPEG  | Eu, 6      | 08 |           | <b>FH2</b> |            |            | 125 | 114 | 111 | 118 | 99  | 116 | 106 | 100 |
| 276000943608484 | <b>ROUBAL *TA</b>   | ROUND UP     | WEBAL     | Eu, 6      | 08 |           |            |            | <b>TP</b>  | 116 | 115 | 108 | 101 | 112 | 108 | 106 | 105 |
| 276000974575882 | <b>ROUEN</b>        | ROUND UP     | REPTEIT   | Eu, 6      | 09 |           |            |            | <b>TP</b>  | 121 | 112 | 117 | 110 | 116 | 109 | 101 | 97  |
| 276000944261932 | <b>ROUGEMONT *T</b> | ROUND UP     | VANSTEIN  | 10, 16     | 10 |           |            |            | <b>TP</b>  | 126 | 112 | 123 | 116 | 105 | 111 | 102 | 102 |
| 276000936487534 | <b>ROUND UP</b>     | RAUBLING     | HOFFER    | 10, AV, 16 | 02 |           |            |            | <b>TP</b>  | 120 | 109 | 118 | 110 | 107 | 119 | 110 | 106 |
| 276000943980633 | <b>ROUND WALL</b>   | ROUND UP     | VAGABUND  | Eu, 6      | 09 |           |            |            | <b>TP</b>  | 112 | 115 | 102 | 96  | 103 | 104 | 108 | 95  |
| 276000943114990 | <b>ROUNABOUT</b>    | ROUND UP     | ROMEL (A) | Eu, 6      | 09 |           |            |            | <b>TP</b>  | 119 | 114 | 114 | 99  | 95  | 98  | 108 | 95  |
| 276000942863554 | <b>ROURKELA *TA</b> | ROUND UP     | WEINOLD   | Eu, 6      | 08 |           |            |            | <b>TP</b>  | 114 | 112 | 94  | 114 | 91  | 110 | 117 | 104 |
| 276000943426638 | <b>ROUSING</b>      | ROUND UP     | WEINOLD   | Eu, 6      | 08 |           |            |            | <b>TP</b>  | 113 | 112 | 104 | 102 | 106 | 99  | 106 | 96  |
| 276000942426440 | <b>ROUSSEL</b>      | ROUND UP     | MARTL-DE  | Eu, 6      | 09 |           |            |            | <b>TP</b>  | 112 | 111 | 106 | 102 | 100 | 99  | 108 | 105 |
| 276000942970385 | <b>ROUSSILLON</b>   | ROUND UP     | SAFIR     | Eu, 6      | 08 |           |            |            | <b>TP</b>  | 115 | 109 | 111 | 109 | 112 | 106 | 101 | 102 |
| 276000943007445 | <b>ROUTE</b>        | ROUND UP     | HIPPO     | 17         | 08 |           |            |            | <b>TP</b>  | 115 | 116 | 103 | 99  | 99  | 109 | 104 | 95  |
| 276000943081387 | <b>ROUTINE</b>      | ROUND UP     | HUMID     | Eu, 6, A8  | 08 |           |            |            | <b>TP</b>  | 115 | 112 | 94  | 110 | 97  | 122 | 106 | 103 |
| 276000974575136 | <b>ROUTINE</b>      | ROUND UP     | WINNIPEG  | A1, 17     | 09 |           |            |            | <b>TP</b>  | 111 | 103 | 106 | 110 | 108 | 109 | 102 | 106 |
| 276000814060678 | <b>ROVAD</b>        | ROBOI        | VADON     | Eu, 27     | 08 |           |            |            | <b>TP</b>  | 113 | 122 | 89  | 98  | 91  | 86  | 90  | 93  |
| 124000000659212 | <b>ROWAN</b>        | GS DIONIS    | HODACH    | 10, 16     | 05 |           | <b>FH2</b> |            |            | 111 | 101 | 106 | 117 | 111 | 116 | 89  | 104 |
| 276000944616697 | <b>ROWLAND</b>      | RESOLUT      | WATERBERG | 10, 16     | 09 |           |            |            | <b>TP</b>  | 127 | 117 | 112 | 120 | 99  | 101 | 104 | 113 |
| 276000946718182 | <b>ROX *TA</b>      | RICKI        | GS RUMGO  | 17         | 11 |           |            |            | <b>TP</b>  | 128 | 121 | 113 | 111 | 106 | 89  | 105 | 108 |
| 276000918127260 | <b>ROXETT</b>       | ROMEN        | DISKO     | 17         | 95 |           |            | <b>ZDL</b> |            | 97  | 96  | 100 | 100 | 102 | 104 | 89  | 104 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name          | Vater       | MV          | Station    | J. | DW | FH2 | ZDL | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|---------------|-------------|-------------|------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000911047783 | ROY           | ROCK        | RENNER      | 3          | 95 |    |     |     | TP  | 86  | 89  | 103 | 90  | 96  | 111 | 107 | 105 |
| 276000974576351 | RUAMIS        | RUAKANA     | MARTL-DE    | Eu, 9      | 09 |    |     |     | TP  | 114 | 112 | 99  | 110 | 110 | 100 | 108 | 115 |
| 276000936494845 | RUANDA        | RUMBA       | RENGER      | 10, 16     | 02 |    |     |     | TPr | 100 | 94  | 113 | 101 | 106 | 124 | 101 | 99  |
| 276000918162560 | RUBEL         | RENGER      | HORWEIN     | 10, 16     | 96 |    |     |     | TP  | 112 | 99  | 104 | 122 | 109 | 114 | 119 | 99  |
| 276000935087480 | RUBENS        | RUMBA       | EGOL (A)    | Eu, 6      | 01 |    |     |     | TP  | 93  | 95  | 113 | 85  | 104 | 121 | 95  | 101 |
| 276000943414926 | RUBICO        | RUREX *TA   | REGIO       | Eu, 6, 9   | 08 |    |     |     | TP  | 118 | 106 | 105 | 122 | 103 | 102 | 99  | 115 |
| 276000937457797 | RUBICON       | RUBEL       | BOSS        | 3, 10, 17  | 03 |    |     |     | TP  | 114 | 108 | 107 | 112 | 97  | 99  | 102 | 99  |
| 276000919809372 | RUBIKON       | REBI        | STREITL     | 17, A1     | 96 |    |     |     | TP  | 84  | 89  | 97  | 90  | 101 | 74  | 102 | 101 |
| 276000814108652 | RUBIN         | RUREX *TA   | RANDY       | Eu, 27     | 08 |    |     |     | TP  | 101 | 105 | 97  | 101 | 87  | 108 | 90  | 93  |
| 040000811978642 | RUBIN         | RUMBA       | STRELLER    | Eu, A3, A7 | 01 | DW |     |     |     | 89  | 93  | 83  | 101 | 111 | 117 | 76  | 88  |
| 040000442990447 | RUBIN         | RUMBA       | HAXALA      | A1, A3, A5 | 01 |    |     |     | TP  | 80  | 90  | 106 | 76  | 107 | 130 | 98  | 89  |
| 040000514181141 | RUBIN         | RENGER      | LOHR        | Eu, A3     | 96 |    |     |     | TP  | 76  | 79  | 96  | 89  | 121 | 132 | 114 | 92  |
| 276000974570706 | RUBINROT      | RUMEN *TA   | VANSTEIN    | Eu, 6, A5  | 08 |    |     | ZDL |     | 119 | 113 | 99  | 121 | 94  | 92  | 105 | 112 |
| 276000662376689 | RUBOTWIN (A*) | RUBEL       | ROMEL (A)   | 3, 17      | 04 |    |     |     | TP  | 93  | 92  | 108 | 97  | 99  | 114 | 111 | 94  |
| 276000912392029 | RUCK          | REPORT      | HORB        | 3          | 96 |    |     |     | TP  | 81  | 92  | 87  | 87  | 98  | 99  | 94  | 105 |
| 276000942927678 | RUCKRUM       | RUMEN *TA   | HUMID       | Eu, 6, 9   | 08 |    |     | ZDL |     | 123 | 115 | 120 | 108 | 97  | 105 | 111 | 102 |
| 276000942937541 | RUDIN         | RUREX *TA   | ENGADIN *TA | Eu, 27     | 08 |    |     |     | TP  | 120 | 118 | 109 | 104 | 101 | 111 | 96  | 101 |
| 040000810825616 | RUDOLFSEE *T  | RUAKANA     | ZAHNER      | 10, 16     | 09 |    |     |     | TP  | 120 | 121 | 95  | 111 | 101 | 100 | 115 | 107 |
| 040000655245617 | RUDOLPH       | RUREX *TA   | WINNIPEG    | Eu, A5, A3 | 09 |    | FH2 |     |     | 124 | 114 | 106 | 117 | 91  | 111 | 105 | 111 |
| 276000943643830 | RUECKZUG      | RUAKANA     | EILIG *TA   | Eu, 6      | 09 |    |     |     | TP  | 116 | 112 | 107 | 105 | 106 | 98  | 112 | 98  |
| 276000943114970 | RUESTER       | RUSTICO *TA | HORWART     | Eu, 6      | 08 |    |     |     | TP  | 101 | 105 | 95  | 97  | 94  | 107 | 102 | 106 |
| 276000946531162 | RUETLI *TA    | RUPTAL      | VANSTEIN    | Eu, 6, 9   | 11 |    |     |     | TP  | 129 | 120 | 116 | 109 | 110 | 107 | 91  | 103 |
| 276000814612522 | RUFMORD *TA   | ROUND UP    | WEINOLD     | 10, 16     | 10 |    |     |     | TP  | 129 | 116 | 119 | 116 | 105 | 108 | 108 | 106 |
| 276000941592609 | RUFO          | RESS        | ROMEO       | 17         | 07 |    |     |     | TP  | 109 | 104 | 99  | 109 | 96  | 117 | 103 | 108 |
| 040000379431347 | RUGBY         | RUMBA       | GS MALF     | A1, 10, 17 | 02 |    |     |     | TP  | 99  | 100 | 93  | 103 | 106 | 97  | 86  | 101 |
| 276000936149265 | RUH           | RUMBA       | HORB        | Eu, 9      | 02 |    |     |     | TP  | 108 | 108 | 108 | 96  | 104 | 101 | 91  | 93  |
| 276000935745095 | RUHM          | RUMBA       | SAMURAI     | 16, 2, 10  | 01 |    |     |     | TP  | 101 | 107 | 93  | 93  | 99  | 95  | 95  | 89  |
| 276000935785025 | RUHMANN       | RUMBA       | ROMEN       | 2, AV      | 02 |    |     |     | TP  | 116 | 101 | 102 | 126 | 82  | 104 | 107 | 107 |
| 276000942734686 | RUHMOVOLL *TA | RUMEN       | REPTEIT     | Eu, 6      | 08 |    |     |     | TP  | 107 | 107 | 97  | 105 | 97  | 96  | 108 | 103 |
| 276000943683608 | RUHRDEICH     | RUAKANA     | WATERBERG   | 10, 16     | 09 |    |     |     | TP  | 109 | 109 | 101 | 104 | 92  | 101 | 107 | 102 |
| 276000974578548 | RUKALI        | RUAKANA     | WAL         | A1, 17, 3  | 09 |    |     |     | TP  | 125 | 115 | 113 | 117 | 110 | 104 | 109 | 101 |
| 276000936646919 | RUKO          | RUMBA       | WEINOX      | 17         | 02 |    | FH2 |     |     | 98  | 104 | 97  | 87  | 115 | 105 | 87  | 103 |
| 276000943963601 | RULD          | RUREX *TA   | WEINOLD     | Eu, 27     | 09 |    |     |     | TP  | 117 | 111 | 106 | 113 | 93  | 92  | 105 | 107 |
| 276000941473819 | RULET         | ROMTELL TA  | SAMUT       | 17         | 08 |    |     |     | TP  | 120 | 112 | 113 | 111 | 101 | 104 | 103 | 96  |
| 040000377800547 | RULON         | RUMBA       | CEYLON RED  | A1, A5, A3 | 02 |    |     |     | TP? | 115 | 116 | 89  | 109 | 106 | 91  | 89  | 97  |
| 276000935704423 | RUM           | RUMBA       | RADAU       | 10, 16     | 02 |    |     |     | TP  | 94  | 84  | 112 | 109 | 107 | 138 | 96  | 97  |
| 276000944105662 | RUMANIO       | GS RUMGO    | MARTL-DE    | 17         | 09 |    | FH2 |     | TP  | 118 | 111 | 97  | 117 | 110 | 87  | 102 | 113 |
| 276000934967267 | RUMB          | RUMBA       | HORB        | 10, A1, 17 | 01 |    | FH2 |     |     | 102 | 108 | 105 | 86  | 100 | 103 | 99  | 109 |
| 040000623710746 | RUMBA         | RALBO       | HARKO       | Eu, A3     | 95 |    |     |     | TP  | 108 | 104 | 107 | 104 | 110 | 121 | 89  | 96  |
| 276000935936912 | RUMBASS       | RUMBA       | GS MALF     | Eu, 6      | 01 |    | FH2 |     |     | 89  | 87  | 109 | 96  | 111 | 129 | 106 | 92  |
| 040000264102317 | RUMBO         | GS RUMGO    | SAFIR       | Eu, A3     | 09 |    | FH2 |     |     | 107 | 109 | 82  | 110 | 98  | 96  | 97  | 97  |
| 276000935790356 | RUMBO         | RUMBA       | RAMBO       | Eu, 6, 3   | 02 |    |     |     | TPr | 96  | 90  | 107 | 104 | 104 | 113 | 92  | 98  |
| 276000935803201 | RUMBOIS       | RUMBA       | BOIS LE VIN | 27         | 01 |    |     |     | TP  | 103 | 96  | 111 | 106 | 99  | 111 | 98  | 88  |
| 276000935709983 | RUMBOMEN      | RUMBA       | ROMEN       | 27         | 02 |    |     |     | TP  | 99  | 92  | 106 | 110 | 106 | 127 | 99  | 95  |
| 276000943832378 | RUMDYCK       | GS RUMGO    | VAN DYCK    | Eu, 27     | 09 |    | FH2 |     | TP  | 127 | 118 | 111 | 116 | 102 | 103 | 100 | 95  |
| 276000944062143 | RUMEGIUS      | GS RUMGO    | POLDI       | 3          | 09 |    | FH2 |     | TP  | 125 | 118 | 110 | 112 | 102 | 92  | 106 | 86  |
| 040000864481742 | RUMEN         | RUMBA       | ROMEN       | A1, 10, 16 | 01 |    |     |     | TP  | 100 | 109 | 95  | 88  | 99  | 98  | 93  | 93  |
| 276000935101102 | RUMEN *TA     | ROMEL (A)   | REPORT      | Eu, 6, A5  | 01 |    |     | ZDL |     | 118 | 112 | 100 | 114 | 88  | 102 | 113 | 112 |
| 040000157196545 | RUMENIK       | RUMBA       | HORWEIN     | Eu, A3, A1 | 01 |    |     |     | TP  | 102 | 90  | 110 | 116 | 124 | 139 | 108 | 105 |
| 276000974578511 | RUMFARO       | GS RUMGO    | STRALIST    | 3          | 09 |    | FH2 |     |     | 125 | 113 | 112 | 120 | 107 | 101 | 94  | 96  |
| 276000943763339 | RUMGEIST *TA  | GS RUMGO    | WINNIPEG    | 10, 16     | 09 |    | FH2 |     |     | 124 | 116 | 106 | 117 | 107 | 102 | 93  | 98  |
| 276000943465063 | RUMGOLD       | GS RUMGO    | SAFIR       | 16, 10     | 09 |    |     |     | TP  | 127 | 119 | 102 | 121 | 110 | 88  | 109 | 110 |
| 276000942498651 | RUMINO        | RUMEN       | REGIO       | 16, 10     | 08 |    |     |     | TP  | 104 | 103 | 111 | 95  | 111 | 113 | 100 | 102 |
| 040000277381445 | RUMIR         | RUMBA       | PRINZ       | Eu, A3     | 01 |    |     |     | TP  | 101 | 96  | 98  | 111 | 111 | 118 | 109 | 97  |
| 276000942884122 | RUMISL        | RUMEN       | RAINER      | Eu, 6      | 08 |    |     |     | TP  | 103 | 116 | 91  | 84  | 97  | 96  | 105 | 94  |
| 276000934966763 | RUMOR         | RUMBA       | HUPRAD      | Eu, 6, 3   | 01 |    |     |     | TP  | 114 | 114 | 97  | 105 | 111 | 109 | 99  | 104 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                  | Vater       | MV          | Station    | J. | DW        | FH2        | ZDL        | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-----------------------|-------------|-------------|------------|----|-----------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000936527439 | <b>RUMOX</b>          | RUMBA       | WEINOX      | Eu, 6, A1  | 02 |           |            |            | TP  | 104 | 103 | 109 | 95  | 96  | 112 | 90  | 94  |
| 276000937376582 | <b>RUMUS</b>          | RUBEL       | POSTNER     | 3, 17      | 03 |           |            |            | TP  | 94  | 85  | 103 | 114 | 104 | 113 | 107 | 100 |
| 040000676839445 | <b>RUN</b>            | RUMBA       | HORWEIN     | A1, 10, 17 | 01 |           |            |            | TP  | 99  | 94  | 106 | 105 | 106 | 132 | 104 | 89  |
| 276000935247763 | <b>RUNE</b>           | REKRUT      | GS MALF     | 10, 16     | 00 |           | <b>FH2</b> |            | TP  | 93  | 94  | 109 | 90  | 113 | 114 | 98  | 110 |
| 276000930983727 | <b>RUNO</b>           | REPORT      | STREITL     | 3          | 97 |           |            |            | TP? | 82  | 93  | 93  | 82  | 100 | 104 | 105 | 98  |
| 276000943004478 | <b>RUNOVER</b>        | RUSTICO *TA | HORWEIN     | 10, 16     | 08 |           |            |            | TP  | 102 | 105 | 102 | 93  | 102 | 108 | 86  | 98  |
| 276000937297965 | <b>RUPERTI</b>        | RUBEL       | BOSS        | 10, 16     | 03 |           |            |            | TP  | 88  | 88  | 90  | 105 | 113 | 103 | 103 | 104 |
| 276000943719836 | <b>RUPERTUS</b>       | RUAKANA     | WINNIPEG    | Eu, A3, 6  | 09 |           | <b>FH2</b> |            | TP  | 112 | 108 | 85  | 118 | 105 | 103 | 111 | 101 |
| 276000938844692 | <b>RUPLAP</b>         | RUAP        | REPORT      | 3, 17      | 04 |           |            |            | TP  | 107 | 112 | 103 | 92  | 96  | 110 | 103 | 102 |
| 276000937570008 | <b>RUPPRATH</b>       | RUBEL       | HIPPO       | 10, 16     | 03 |           |            |            | TP  | 110 | 100 | 98  | 123 | 103 | 110 | 119 | 112 |
| 276000943266190 | <b>RUPRECHT</b>       | ROUND UP    | ENGADIN *TA | 10, 16     | 08 |           |            |            | TP  | 125 | 120 | 117 | 104 | 101 | 116 | 113 | 100 |
| 276000935936930 | <b>RURE</b>           | RUMBA       | REPORT      | Eu, 9      | 02 |           |            |            | TP  | 100 | 97  | 97  | 107 | 110 | 119 | 99  | 97  |
| 276000937030561 | <b>RUREIF</b>         | RUMBA       | GS MOREIF   | 17         | 02 |           |            |            | TP  | 129 | 125 | 103 | 108 | 99  | 105 | 96  | 106 |
| 276000942763656 | <b>RURMANN</b>        | RUREX *TA   | VANSTEIN    | Eu, 6, 9   | 08 |           |            |            | TP  | 115 | 110 | 106 | 111 | 94  | 105 | 93  | 104 |
| 276000943291983 | <b>RUSBERG</b>        | RUSTICO *TA | WATERBERG   | Eu, 9, 6   | 09 |           |            |            | TP  | 107 | 111 | 98  | 98  | 105 | 105 | 96  | 108 |
| 276000943026319 | <b>RUSH HOUR</b>      | RUREX *TA   | REGIO       | Eu, 6      | 08 |           |            |            | TP  | 109 | 106 | 98  | 109 | 92  | 111 | 102 | 98  |
| 040000364809133 | <b>RUSL</b>           | RENGER      | HORROR      | A1, 10, 17 | 96 |           |            |            | TP  | 79  | 86  | 104 | 82  | 92  | 114 | 98  | 85  |
| 276000942833257 | <b>RUSPERT</b>        | RUSTICO *TA | SAMPRAS     | Eu, 6      | 08 |           |            |            | TP  | 99  | 108 | 87  | 94  | 100 | 105 | 98  | 103 |
| 040000405947347 | <b>RUSSI</b>          | RUMBA       | SALUS       | Eu, A3, 6  | 02 |           |            | <b>ZDL</b> | TP  | 101 | 105 | 104 | 91  | 111 | 111 | 89  | 96  |
| 040000758350947 | <b>RUST</b>           | RUMBA       | GS RAUDI    | Eu, A3     | 02 |           |            |            | TP  | 100 | 102 | 102 | 94  | 109 | 113 | 87  | 93  |
| 276000917522652 | <b>RUST</b>           | REPORT      | PROPELLER   | 3          | 96 |           |            |            | TP  | 89  | 102 | 98  | 77  | 101 | 101 | 100 | 86  |
| 276000936474567 | <b>RUSTICO *TA</b>    | RUMBA       | STEGO       | 16, AV, 10 | 02 |           |            |            | TP  | 106 | 107 | 95  | 102 | 94  | 113 | 94  | 104 |
| 276000943454511 | <b>RUSTIKAL</b>       | RUSTICO *TA | RAINER      | 16, 10     | 08 |           |            |            | TP  | 114 | 114 | 107 | 100 | 104 | 117 | 105 | 90  |
| 276000935444540 | <b>RUSTIKAL</b>       | RUMBA       | STREITL     | 17, A1     | 02 |           |            | <b>ZDL</b> | TP  | 98  | 95  | 94  | 107 | 105 | 104 | 86  | 89  |
| 040000241722307 | <b>RUSTO</b>          | GS REHARD   | HARKO       | Eu, A3     | 04 |           |            |            | TP  | 89  | 95  | 83  | 97  | 107 | 100 | 99  | 111 |
| 276000936920718 | <b>RUSTY</b>          | RUBEL       | MUSTER      | AV, 10, 16 | 03 |           |            |            | TP  | 117 | 106 | 110 | 117 | 91  | 122 | 116 | 91  |
| 276000943069731 | <b>RUTE</b>           | RUSTICO *TA | RUAP        | Eu, 9, 6   | 09 |           |            |            | TP  | 113 | 114 | 92  | 107 | 94  | 103 | 101 | 91  |
| 276000943465062 | <b>RUTHUS</b>         | GS RUMGO    | SAFIR       | 3          | 09 |           |            |            | TP  | 127 | 129 | 97  | 108 | 102 | 81  | 108 | 113 |
| 276000946622307 | <b>RUTSCHBAHN *TA</b> | RUPTAL      | VANSTEIN    | Eu, 6      | 11 |           |            |            | TP  | 132 | 125 | 123 | 101 | 108 | 102 | 97  | 105 |
| 276000943410556 | <b>RUVAN</b>          | RUAKANA     | VANSTEIN    | 17, A1     | 09 |           |            |            | TP  | 109 | 105 | 101 | 108 | 99  | 105 | 106 | 97  |
| 276000942666916 | <b>RUWEN</b>          | RUREX *TA   | WINNIPEG    | 2          | 08 |           |            |            | TP  | 122 | 116 | 105 | 111 | 97  | 100 | 101 | 100 |
| 276000931068931 | <b>RYDER</b>          | REPORT      | RALBO       | 10, 16     | 98 |           |            |            | TP  | 88  | 93  | 99  | 90  | 92  | 94  | 79  | 98  |
| 276000943378267 | <b>RYTHMUS</b>        | REICHSHERR  | HAUPTMANN   | 17         | 08 |           |            |            | TP  | 100 | 109 | 88  | 91  | 108 | 116 | 105 | 109 |
| 040000336816916 | <b>RÄTIKON</b>        | RATGEBER    | RESS        | Eu, A3, 6  | 08 |           |            |            | TP  | 106 | 102 | 106 | 104 | 123 | 113 | 92  | 96  |
| 040000513879644 | <b>SADAT</b>          | SANSO       | HAMLET      |            | 94 | <b>DW</b> |            |            |     | 63  | 70  | 78  | 95  | 81  | 92  | 100 | 96  |
| 276000945241629 | <b>SALAMANCA</b>      | SALVATOR    | MARTL-DE    | Eu, 6, 9   | 10 |           | <b>FH2</b> |            |     | 122 | 129 | 88  | 105 | 102 | 80  | 102 | 108 |
| 276000932141048 | <b>SALEM</b>          | STEGO       | STREITL     | 16, 10     | 99 |           |            | <b>ZDL</b> |     | 93  | 98  | 95  | 93  | 101 | 103 | 84  | 87  |
| 276000939322760 | <b>SALERNO</b>        | SAFIR       | REGIO       | 2          | 05 |           |            |            | TP  | 101 | 103 | 114 | 87  | 95  | 110 | 101 | 107 |
| 276000938841412 | <b>SALOMON</b>        | SAFIR       | RALBO       | 10         | 04 |           |            |            | TP  | 95  | 100 | 107 | 85  | 100 | 110 | 93  | 107 |
| 040000547801646 | <b>SALUS</b>          | STREITL     | ZORRO       | Eu, A3     | 92 |           |            | <b>ZDL</b> |     | 81  | 93  | 75  | 91  | 100 | 84  | 85  | 84  |
| 040000501601444 | <b>SALUS</b>          | SAMSON      | MORELLO     |            | 94 | <b>DW</b> |            |            |     | 78  | 70  | 103 | 106 | 99  | 114 | 110 | 94  |
| 276000941229777 | <b>SALVE</b>          | SAMUT       | VANSTEIN    | Eu, 6, 9   | 07 |           |            |            | TP  | 112 | 115 | 99  | 100 | 105 | 92  | 113 | 118 |
| 040000211126614 | <b>SALZER</b>         | SAMI        | RESS        | Eu, A3     | 06 |           |            | <b>ZDL</b> |     | 106 | 109 | 99  | 95  | 109 | 106 | 91  | 91  |
| 276000918966073 | <b>SAMPAN</b>         | SAMURAI     | POSTNER     | Eu, 6      | 98 |           | <b>FH2</b> |            |     | 83  | 82  | 92  | 106 | 94  | 107 | 100 | 98  |
| 276000939778189 | <b>SAMPANO</b>        | SAMPRAS     | RALBIT      | Eu, 6      | 05 |           |            |            | TP  | 126 | 120 | 105 | 113 | 94  | 83  | 101 | 121 |
| 276000932580226 | <b>SAMPEL</b>         | SAMURAI     | ROMEN       | Eu, A3, 3  | 98 |           | <b>FH2</b> |            |     | 91  | 84  | 94  | 114 | 88  | 107 | 104 | 100 |
| 276000939346796 | <b>SAMRAND</b>        | SAMUT       | RANDY       | Eu, 6, 9   | 05 |           |            |            | TP  | 103 | 101 | 110 | 96  | 104 | 101 | 116 | 105 |
| 040000465118757 | <b>SAMSON</b>         | STREIF      | HECHT       |            | 85 | <b>DW</b> |            |            |     | 66  | 68  | 108 | 85  | 99  | 115 | 92  | 81  |
| 276000931187575 | <b>SANCHEZ</b>        | STEGO       | STREITL     | 10, 16     | 98 |           |            | <b>ZDL</b> |     | 84  | 89  | 92  | 92  | 99  | 103 | 90  | 89  |
| 276000946037419 | <b>SANDELHOLZ</b>     | SANDDORN    | VANSTEIN    | Eu, 6      | 11 |           |            |            | TP  | 126 | 124 | 119 | 97  | 100 | 110 | 91  | 100 |
| 276000946035896 | <b>SANDHOF *TA</b>    | SANDDORN    | RUAKANA     | 10, 16     | 11 |           |            |            | TP  | 120 | 126 | 103 | 95  | 104 | 106 | 105 | 108 |
| 276000931127213 | <b>SANKT</b>          | SAMURAI     | HORB        | Eu, 6      | 98 |           | <b>FH2</b> |            |     | 96  | 83  | 110 | 116 | 103 | 106 | 103 | 103 |
| 040000681858434 | <b>SANKTUS</b>        | SALUS       | HORES       | Eu, A3     | 99 |           |            | <b>ZDL</b> |     | 89  | 90  | 104 | 95  | 92  | 106 | 94  | 80  |
| 040000866046172 | <b>SANTANA</b>        | SAFIR       | RENGER      | Eu, A3     | 05 |           |            |            | TP  | 101 | 108 | 96  | 91  | 113 | 121 | 101 | 103 |
| 276000945624964 | <b>SAPPEUR *TA</b>    | SAMPRO      | VANSTEIN    | Eu, 6      | 11 |           |            |            | TP  | 133 | 125 | 119 | 107 | 98  | 91  | 109 | 106 |
| 276000943719839 | <b>SATELLIT</b>       | STIER       | WATERBERG   | 2          | 09 |           |            |            | TP  | 105 | 103 | 98  | 101 | 92  | 100 | 108 | 98  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                 | Vater        | MV          | Station    | J. | DW  | FH2 | ZDL  | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------------|--------------|-------------|------------|----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000931799537 | <b>SATIN</b>         | SAMURAI      | HORWEIN     | Eu, 6, 3   | 98 |     |     |      | TP  |     |     |     |     |     |     |     |     |
| 276000938644643 | <b>SAVOY</b>         | SAFIR        | RALBO       | 10         | 04 |     |     |      | TP  | 106 | 103 | 104 | 104 | 113 | 94  | 107 | 85  |
| 276000939696514 | <b>SCHOENBRUN</b>    | SAFIR        | GS MALF     | 10, 16     | 05 |     | FH2 |      |     | 95  | 104 | 84  | 92  | 114 | 108 | 106 | 103 |
| 040000501073266 | <b>SEEMANN</b>       | SAMSON       | HOLB        | Eu, A8     | 94 | DW  |     |      |     | 64  | 63  | 96  | 97  | 94  | 107 | 96  | 80  |
| 040000286711818 | <b>SEEWALCHEN</b> *  | SAMLAND      | WINNIPEG    | 10, AV, 16 | 11 |     | FH2 |      |     | 139 | 117 | 119 | 134 | 103 | 112 | 102 | 122 |
| 276000943170289 | <b>SEGIO</b>         | STIER        | REGIO       | 10, 16     | 08 |     |     |      | TP  | 103 | 109 | 83  | 102 | 104 | 101 | 111 | 102 |
| 276000939777016 | <b>SEGUT</b>         | SAFIR        | GS MALF     | Eu, 6      | 05 |     | FH2 |      |     | 89  | 100 | 99  | 77  | 126 | 101 | 109 | 108 |
| 276000938288539 | <b>SELADON</b>       | SAFIR        | RANDY       | Eu, 6, A3  | 04 |     |     |      | TP  | 105 | 115 | 82  | 96  | 101 | 82  | 112 | 109 |
| 276000930552073 | <b>SENECA</b>        | STEFFEN      | HORB        | 10, 16     | 97 |     |     | ZDL  |     | 87  | 87  | 111 | 91  | 92  | 101 | 101 | 98  |
| 276000934211185 | <b>SENF</b>          | STEGO        | GS MALF     | 17         | 00 |     | FH2 |      |     | 96  | 97  | 105 | 96  | 103 | 106 | 96  | 93  |
| 040000783027107 | <b>SERAFIN</b>       | SAFIR        | GS WAX      | A1, A3     | 05 |     |     |      | TP  | 97  | 102 | 85  | 100 | 92  | 86  | 101 | 112 |
| 276000938811479 | <b>SERGANT</b>       | SAFIR        | REGIO       | 10, 16     | 04 |     |     |      | TP  | 101 | 100 | 110 | 98  | 90  | 107 | 109 | 110 |
| 276000945623781 | <b>SERTOLI</b> *TA   | SANDDORN     | GEBALOT     | 10, 16     | 11 |     |     |      | TP  | 126 | 127 | 99  | 108 | 109 | 109 | 110 | 113 |
| 276000943607037 | <b>SHIRAZ</b> *TA    | STIER        | WINNIPEG    | 10, 16     | 09 |     |     |      | TP  | 114 | 118 | 96  | 101 | 108 | 111 | 98  | 101 |
| 276000943729411 | <b>SILVANER</b> *TA  | STIER        | MANDL       | 10, 2, 16  | 09 |     | FH2 |      |     | 103 | 102 | 99  | 102 | 110 | 100 | 99  | 103 |
| 276000945731528 | <b>SILVERSTAR</b>    | SANDDORN     | VANADIN     | 2, AV, 10  | 11 |     |     |      | TP  | 134 | 133 | 111 | 103 | 96  | 99  | 108 | 116 |
| 276000931851971 | <b>SIMBACH</b>       | STEFFEN      | REPORT      | 10, 16     | 98 |     |     | ZDL  |     | 77  | 76  | 95  | 100 | 97  | 113 | 98  | 101 |
| 276000939379992 | <b>SINBAD</b>        | SAFIR        | STEGO       | A1, 17     | 05 |     |     |      | TP  | 101 | 109 | 87  | 96  | 101 | 106 | 103 | 96  |
| 276000916132035 | <b>SOFT</b>          | STEFFEN      | REPORT      | 17, A1, A7 | 97 |     |     | ZDL  |     | 81  | 93  | 96  | 75  | 94  | 95  | 107 | 94  |
| 276000931234146 | <b>SOHO</b>          | SAMURAI      | RALBO       | 10, 16     | 98 |     |     |      | TP  | 104 | 100 | 106 | 104 | 102 | 103 | 105 | 91  |
| 276000946260415 | <b>SPAETZLE</b> *TA  | SAMPANO      | IMPOSIUM    | Eu, 6      | 12 |     |     |      | TP  | 129 | 125 | 109 | 112 | 102 | 95  | 100 | 116 |
| 276000946533704 | <b>SPARTA</b> *TA    | SAMPANO      | VANSTEIN    | Eu, 6, 9   | 12 |     |     |      | TPr | 130 | 126 | 109 | 112 | 95  | 102 | 99  | 122 |
| 276000947407864 | <b>SPASSETTEL</b> *T | SAMPANO      | RUREX *TA   | Eu, 6      | 12 |     |     |      | TP  | 127 | 118 | 114 | 115 | 104 | 93  | 102 | 113 |
| 276000931665083 | <b>SPEZI</b>         | SPORT        | HORB        | 2          | 98 |     | FH2 |      |     | 98  | 92  | 99  | 110 | 95  | 112 | 102 | 105 |
| 276000932090969 | <b>SPIDER</b>        | SPIRO        | MOSAIK      | 2          | 98 |     |     |      | TP  | 80  | 76  | 109 | 98  | 91  | 102 | 103 | 94  |
| 276000912428004 | <b>SPITFIRE</b>      | SPIRO        | REPORT      | 10, 16     | 98 |     |     |      | TP  | 69  | 77  | 119 | 66  | 106 | 105 | 100 | 90  |
| 276000930112666 | <b>SPONSOR</b>       | SPORT        | HORST       | 3          | 97 |     |     |      | TP  | 98  | 105 | 92  | 94  | 105 | 100 | 98  | 86  |
| 276000939114132 | <b>SPONTI (A)</b>    | SPONSOR      | ROMEL (A)   | 3          | 05 |     |     |      | TP  | 95  | 101 | 91  | 94  | 100 | 103 | 107 | 95  |
| 276000940164669 | <b>SPOT</b>          | SPONSOR      | RENOLD      | 3          | 06 |     |     |      | TP  | 89  | 97  | 94  | 86  | 123 | 112 | 99  | 92  |
| 276000931854278 | <b>SPREE</b>         | SPORT        | PROPELLER   | 16, 10     | 98 |     | FH2 |      |     | 86  | 88  | 74  | 110 | 80  | 101 | 102 | 83  |
| 276000939591747 | <b>SPROAND</b>       | SAMPRAS      | RANDY       | Eu, 6      | 05 |     | FH2 |      |     | 93  | 102 | 90  | 90  | 115 | 95  | 114 | 101 |
| 040000793747734 | <b>STAMBA</b>        | STEGO        | GS MALF     | A1, 10, 17 | 99 | DW  |     |      |     | 92  | 92  | 90  | 104 | 104 | 112 | 86  | 93  |
| 276000931243033 | <b>STEBY</b>         | STEFFEN      | BOIS LE VIN | 2          | 98 |     |     | ZDL  |     | 95  | 95  | 100 | 98  | 99  | 106 | 97  | 97  |
| 276000919241350 | <b>STEFFEN</b>       | STREITL      | FERRY       | 16         | 90 |     |     | ZDL? |     | 70  | 74  | 104 | 85  | 92  | 105 | 106 | 100 |
| 276000933189283 | <b>STEIF</b>         | STEGO        | GS MALF     | 17, A1, A7 | 99 |     | FH2 |      |     | 92  | 100 | 100 | 84  | 99  | 95  | 88  | 80  |
| 276000931241969 | <b>STEMA</b>         | STEGO        | GS MALF     | 17, A1, 10 | 98 |     | FH2 |      |     | 80  | 83  | 101 | 89  | 100 | 105 | 95  | 73  |
| 276000917523679 | <b>STENTAN</b>       | STEFFEN      | HORB        | 3          | 97 | DW? |     | ZDL  |     | 92  | 79  | 99  | 121 | 93  | 105 | 102 | 116 |
| 040000169542626 | <b>STERN</b>         | STREITL      | HOLB        | Eu, A8     | 93 |     |     | ZDL  |     | 80  | 70  | 111 | 107 | 101 | 113 | 86  | 95  |
| 276000918918447 | <b>STERZING</b>      | STEGO        | PROPELLER   | 2          | 99 |     | FH2 |      |     | 94  | 88  | 93  | 116 | 79  | 99  | 89  | 93  |
| 276000810851450 | <b>STEWEL</b>        | STEFFEN      | BALLWEI     | 27         | 98 |     |     |      | TP  | 67  | 64  | 117 | 87  | 102 | 118 | 100 | 99  |
| 276000931115230 | <b>STIMEX</b>        | STEGO        | RALBO       | Eu, 6      | 99 |     |     |      | TP  | 84  | 98  | 101 | 69  | 107 | 107 | 89  | 77  |
| 040000752915914 | <b>STOCK</b>         | STOCKET      | RANDY       | Eu, A3, A5 | 08 |     |     |      | TP  | 110 | 109 | 96  | 106 | 110 | 99  | 105 | 94  |
| 276000946203309 | <b>STRAIF</b> *TA    | STRELLAS *TA | IMPOSIUM    | Eu, 6      | 12 |     |     |      | TP  | 127 | 116 | 112 | 116 | 92  | 98  | 98  | 115 |
| 040000527176511 | <b>STRATAN</b>       | GS STRALF    | GS WOTAN    | A1, A7, 10 | 98 |     | FH2 |      |     | 83  | 86  | 91  | 97  | 104 | 111 | 90  | 91  |
| 040000535175111 | <b>STRATL</b>        | GS STRALF    | GS TAFTL    | A1, 10, 17 | 98 |     | FH2 |      |     | 87  | 83  | 103 | 104 | 89  | 83  | 97  | 92  |
| 276000917956193 | <b>STREIB</b>        | STREITL      | BALDO       | 16         | 90 |     |     | ZDL? |     | 93  | 85  | 103 | 110 | 103 | 97  | 97  | 86  |
| 276000930202892 | <b>STREIBER</b>      | STREIB       | HAMPEL      | 10         | 97 |     |     | ZDL? |     | 100 | 92  | 113 | 108 | 93  | 111 | 91  | 83  |
| 040000576300457 | <b>STREICH</b>       | STREITL      | MORELLO     | A7         | 91 |     |     | ZDL  |     | 73  | 74  | 108 | 89  | 104 | 93  | 88  | 96  |
| 276000930160083 | <b>STREIDIS</b>      | STREIB       | DISKO BAL   | 10         | 97 |     |     | ZDL? |     | 90  | 89  | 112 | 93  | 116 | 100 | 94  | 85  |
| 276000930950759 | <b>STREIL</b>        | STEGO        | STREITL     | 17, A1, A7 | 98 |     |     | ZDL  |     | 107 | 101 | 104 | 107 | 95  | 102 | 105 | 85  |
| 276000919977485 | <b>STREILIX</b>      | STREITL      | HADRIAN     | Eu, 6, 9   | 96 |     |     | ZDL  |     | 100 | 97  | 97  | 107 | 92  | 101 | 89  | 112 |
| 040000383426733 | <b>STREIMIN</b>      | STREITL      | GS SARMIN   | A1, 17, 10 | 96 |     |     | ZDL  |     | 67  | 76  | 94  | 78  | 97  | 89  | 65  | 89  |
| 276000931509093 | <b>STREINAL</b>      | STREIB       | REPORT      | Eu, 6      | 98 |     |     |      | TP  | 105 | 110 | 105 | 91  | 83  | 100 | 82  | 95  |
| 276000911153692 | <b>STREINZ</b>       | STREIB       | ROLF        | Eu, 6      | 97 |     |     | ZDL  |     | 95  | 86  | 117 | 104 | 107 | 100 | 83  | 87  |
| 276000928590625 | <b>STREITL</b>       | STREIF       | HARTL       | A1, 17     | 84 |     |     | ZDL  |     | 78  | 83  | 100 | 87  | 95  | 99  | 84  | 98  |
| 276000932018046 | <b>STREIWEL</b>      | STREIB       | RALBO       | Eu, 6      | 98 |     |     | ZDL  | TP  | 89  | 82  | 99  | 112 | 109 | 110 | 101 | 81  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                  | Vater         | MV          | Station    | J. | DW | FH2 | ZDL  | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-----------------------|---------------|-------------|------------|----|----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000824784514 | <b>STREL</b>          | STOCKET       | REGIO       | Eu, A3     | 08 |    |     |      | TP  | 105 | 102 | 108 | 102 | 91  | 98  | 106 | 101 |
| 040000553305746 | <b>STRIGL</b>         | STREITL       | GS PRAEFEXT | Eu, A3     | 92 |    |     | ZDL  |     | 88  | 88  | 108 | 93  | 100 | 102 | 90  | 107 |
| 040000718090542 | <b>STROMER</b>        | STROVANNA     | GS DISKONT  | Eu, A3     | 00 |    |     | ZDL  |     | 92  | 91  | 93  | 106 | 106 | 95  | 89  | 96  |
| 276000807702732 | <b>STROVANNA</b>      | STREITL       | STRANG      | 27         | 92 |    |     | ZDL? |     | 84  | 97  | 85  | 84  | 103 | 102 | 84  | 104 |
| 276000916160747 | <b>STUDENT</b>        | STREIB        | PROPELLER   | 3, A1, 2   | 97 |    | FH2 |      |     | 81  | 73  | 106 | 107 | 98  | 108 | 93  | 94  |
| 276000933952726 | <b>TALLING</b>        | ROBERT        | HALLING     | 10, 17     | 01 |    |     |      | TP  | 95  | 88  | 122 | 97  | 107 | 97  | 95  | 95  |
| 276000935674868 | <b>TESSIN</b>         | ROBERT        | ROMEN       | 10, 16     | 01 |    |     |      | TP  | 105 | 97  | 116 | 103 | 106 | 96  | 94  | 96  |
| 276000933952721 | <b>TONI</b>           | ROBERT        | MAGNUS      | 17, A1, 10 | 01 | DW |     |      | TP  | 77  | 85  | 108 | 76  | 111 | 115 | 81  | 68  |
| 276000935790307 | <b>TRES</b>           | ROBERT        | STRESS      | Eu, 9      | 01 |    |     |      | TP  | 86  | 94  | 114 | 74  | 126 | 109 | 87  | 86  |
| 276000919253926 | <b>UTNACH</b>         | UTERINO       | RADI        | Eu, 6      | 91 |    |     |      | TP  | 90  | 94  | 92  | 96  | 99  | 82  | 88  | 94  |
| 276000942874423 | <b>V-MANN</b>         | VANSTEIN      | WATERBERG   | 10, 16     | 08 |    |     |      | TP  | 120 | 112 | 127 | 99  | 115 | 99  | 112 | 107 |
| 276000944893007 | <b>VABOND</b>         | GS RAWALF     | WINNIPEG    | 3          | 10 |    | FH2 |      |     | 124 | 117 | 102 | 118 | 105 | 103 | 103 | 111 |
| 276000811861466 | <b>VADON</b>          | RANDY         | RADON       | 27         | 01 |    |     |      | TP  | 98  | 103 | 96  | 96  | 96  | 100 | 92  | 96  |
| 276000934694674 | <b>VAGABUND</b>       | RANDY         | STREITL     | 10, A1, 17 | 00 |    |     |      | TP  | 108 | 119 | 89  | 88  | 107 | 79  | 85  | 103 |
| 276000934838679 | <b>VAHO</b>           | RANDY         | HORB        | 27         | 01 |    |     |      | TP  | 98  | 96  | 97  | 106 | 113 | 108 | 100 | 106 |
| 276000940787976 | <b>VAKANT</b>         | VANSTEIN      | POLDI       | A1, A7, 17 | 07 |    |     |      | TP  | 126 | 120 | 103 | 114 | 111 | 116 | 92  | 102 |
| 040000129122419 | <b>VALDORO</b>        | GS VANDOR     | RUREX *TA   | 10, 16     | 11 |    |     |      | TP  | 137 | 131 | 106 | 115 | 105 | 94  | 97  | 101 |
| 276000945995783 | <b>VALE</b>           | GS VANDOR     | MANDELA     | 16, 2, 10  | 11 |    |     |      | TP  | 135 | 127 | 116 | 110 | 108 | 99  | 95  | 96  |
| 040000501692814 | <b>VALENT</b>         | VANSTEIN      | GS ROMAF    | A1, 17     | 07 |    |     |      | TP  | 115 | 104 | 117 | 111 | 95  | 112 | 96  | 96  |
| 276000940535552 | <b>VALENTIN</b>       | VANSTEIN      | HORWART     | Eu, 6      | 06 |    |     |      | TP  | 105 | 102 | 98  | 110 | 104 | 115 | 108 | 104 |
| 276000934822138 | <b>VALEPP</b>         | RANDY         | HORWEIN     | 10, 16     | 00 |    |     |      | TP  | 121 | 121 | 99  | 106 | 99  | 106 | 91  | 104 |
| 276000941364903 | <b>VALERO PS *TA</b>  | VANSTEIN      | ROMELLO     | Eu, 6      | 07 |    |     |      | TP  | 126 | 112 | 126 | 114 | 109 | 112 | 93  | 117 |
| 276000941287521 | <b>VALETTA</b>        | VALEPP        | DON JUAN    | 10, AV, 16 | 06 |    |     |      | TP  | 120 | 114 | 99  | 117 | 109 | 103 | 95  | 115 |
| 276000945260342 | <b>VALFI</b>          | GS RAWALF     | ILION       | Eu, 9      | 10 |    | FH2 |      |     | 119 | 109 | 100 | 123 | 112 | 107 | 107 | 115 |
| 276000935230347 | <b>VALIAN</b>         | RANDY         | JULIAN RED  | 10         | 01 |    |     |      | TP  | 79  | 104 | 84  | 63  | 101 | 98  | 80  | 87  |
| 276000941322568 | <b>VALIANT</b>        | VANSTEIN      | MORROR      | A1, A7, 10 | 06 |    |     |      | TP  | 110 | 104 | 101 | 113 | 89  | 105 | 97  | 106 |
| 276000941023999 | <b>VALIG</b>          | VANSTEIN      | EILIG *TA   | Eu, 27     | 07 |    |     |      | TP  | 134 | 117 | 102 | 135 | 82  | 97  | 91  | 117 |
| 276000946534498 | <b>VALIMBO PP* *T</b> | VALERO PS *TA | ROSENBERGEF | Eu, 6, 9   | 12 |    |     |      | TPr | 121 | 112 | 118 | 109 | 99  | 113 | 94  | 105 |
| 276000934472477 | <b>VALLENTIN</b>      | RANDY         | GS MALF     | 10, 17     | 00 |    | FH2 |      |     | 91  | 103 | 81  | 90  | 100 | 91  | 100 | 91  |
| 040000340980514 | <b>VALLON</b>         | VANSTEIN      | REPULS      | A7         | 08 |    |     |      | TP  | 119 | 115 | 109 | 105 | 102 | 107 | 94  | 94  |
| 276000945488922 | <b>VALOT</b>          | GS RAWALF     | GEBALOT     | Eu, 27     | 10 |    | FH2 |      |     | 125 | 115 | 108 | 112 | 105 | 112 | 111 | 122 |
| 276000933947576 | <b>VALUGA</b>         | RANDY         | RADON       | 10, 16     | 00 |    |     |      | TP  | 100 | 94  | 123 | 96  | 107 | 118 | 82  | 93  |
| 276000934968638 | <b>VAMBO</b>          | RANDY         | RAMBO       | Eu, 9      | 01 |    |     |      | TPr | 95  | 89  | 86  | 120 | 80  | 93  | 95  | 97  |
| 276000935123845 | <b>VAMP</b>           | RANDY         | ZEUS        | 10         | 00 |    |     |      | TP  | 93  | 103 | 98  | 84  | 93  | 92  | 81  | 95  |
| 276000941172565 | <b>VAMPIR</b>         | VANSTEIN      | ROMEN       | Eu, A3     | 06 |    |     |      | TP  | 110 | 109 | 98  | 104 | 97  | 99  | 96  | 99  |
| 040000683740214 | <b>VAN BOMMEL</b>     | VANSTEIN      | -           | 10, AV, 16 | 08 | DW |     |      |     | 115 | 117 | 107 | 97  | 112 | 84  | 79  | 109 |
| 276000940917513 | <b>VAN DAMME</b>      | VANSTEIN      | REGIO       | 10, AV, 16 | 07 |    |     |      | TPr | 117 | 109 | 110 | 112 | 103 | 107 | 109 | 116 |
| 040000680792814 | <b>VAN HELSING</b>    | VANSTEIN      | RINGO       | A1, 10     | 07 |    |     |      | TP  | 113 | 110 | 94  | 113 | 98  | 98  | 104 | 110 |
| 276000941319186 | <b>VANABEL</b>        | VANSTEIN      | WEBAL       | Eu, 6, 9   | 07 |    |     |      | TP  | 108 | 98  | 111 | 111 | 104 | 103 | 104 | 113 |
| 276000941035849 | <b>VANADIN</b>        | VANSTEIN      | ENGADIN *TA | 3, 17      | 07 |    |     |      | TP  | 137 | 116 | 142 | 118 | 115 | 121 | 116 | 109 |
| 040000609811214 | <b>VANAF</b>          | VANSTEIN      | GS MALF     | A1, 10     | 07 |    |     | ZDL  |     | 117 | 116 | 113 | 97  | 100 | 96  | 93  | 114 |
| 276000661619041 | <b>VANAMT</b>         | RANDY         | ROMEN       | Eu, 26, 6  | 01 |    |     |      | TP  | 100 | 106 | 87  | 97  | 101 | 98  | 93  | 100 |
| 276000942595861 | <b>VANANDO</b>        | VANSTEIN      | SAFIR       | 3, 17      | 07 |    |     |      | TP  | 122 | 117 | 108 | 110 | 95  | 87  | 97  | 119 |
| 276000941306563 | <b>VANATOR</b>        | VANSTEIN      | MADERA      | 3, 17      | 07 |    |     |      | TP  | 117 | 107 | 112 | 114 | 116 | 116 | 90  | 105 |
| 276000935135351 | <b>VANAX</b>          | RANDY         | ZAX         | 27         | 01 |    |     |      | TP  | 98  | 101 | 96  | 96  | 84  | 100 | 93  | 94  |
| 276000941485206 | <b>VANCOUVER</b>      | VANSTEIN      | ENGADIN *TA | 2          | 06 |    |     |      | TP  | 126 | 112 | 105 | 128 | 114 | 97  | 103 | 122 |
| 276000941191268 | <b>VANCOUVER</b>      | VANSTEIN      | RENGER      | Eu, 6      | 06 |    |     |      | TPr | 115 | 107 | 111 | 111 | 100 | 110 | 114 | 108 |
| 276000941615004 | <b>VANCOVER</b>       | VANSTEIN      | REITER      | 17, A7, 3  | 06 |    |     |      | TP  | 109 | 105 | 108 | 106 | 100 | 110 | 93  | 115 |
| 040000889058617 | <b>VANDAL</b>         | GS VANDOR     | MALINT      | Eu, A3     | 10 |    |     |      | TP  | 127 | 130 | 101 | 101 | 114 | 94  | 93  | 100 |
| 276000934778830 | <b>VANDALE</b>        | RANDY         | ZEUKAR      | 2          | 01 |    |     |      | TP  | 95  | 99  | 102 | 93  | 109 | 110 | 92  | 94  |
| 040000965405709 | <b>VANDER</b>         | VANSTEIN      | PANO-ET     | A1, A7, 17 | 06 |    |     |      | TP  | 126 | 115 | 135 | 103 | 100 | 112 | 87  | 100 |
| 276000941706216 | <b>VANDERBILT</b>     | VANSTEIN      | EILIG *TA   | Eu, 6      | 07 |    |     |      | TP  | 117 | 107 | 114 | 113 | 98  | 110 | 94  | 113 |
| 040000509857809 | <b>VANDO</b>          | VANSTEIN      | PANO-ET     | Eu, A3, A8 | 06 |    |     |      | TP  | 118 | 108 | 113 | 113 | 105 | 124 | 99  | 113 |
| 276000941511941 | <b>VANETIK</b>        | VANSTEIN      | REGIO       | Eu, 27, A5 | 07 |    |     |      | TP  | 118 | 115 | 111 | 102 | 107 | 103 | 92  | 100 |
| 276000942666874 | <b>VANHAIID</b>       | VANSTEIN      | REGIO       | Eu, 9      | 08 |    |     |      | TP? | 121 | 113 | 117 | 109 | 100 | 118 | 105 | 111 |
| 040000014967747 | <b>VANHOF</b>         | VANSTEIN      | REGIO       | A1, 17     | 07 |    |     |      | TP  | 106 | 107 | 99  | 102 | 93  | 102 | 97  | 95  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                  | Vater        | MV          | Station    | J. | DW | FH2 | ZDL | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-----------------------|--------------|-------------|------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000944230709 | <b>VANKOS</b>         | VANSTEIN     | WATERBERG   | 3, 6       | 09 |    |     |     | TP  | 135 | 129 | 118 | 107 | 99  | 99  | 111 | 104 |
| 276000934621331 | <b>VANMER</b>         | RANDY        | RENNMER     | Eu, 27     | 00 |    |     |     | TP  | 84  | 86  | 107 | 90  | 97  | 98  | 87  | 90  |
| 276000941511942 | <b>VANONIS</b>        | VANSTEIN     | GS DIONIS   | Eu, 27, A5 | 07 |    |     |     | TP  | 125 | 118 | 111 | 110 | 105 | 99  | 106 | 121 |
| 276000661636183 | <b>VANORB</b>         | RANDY        | HORB        | 27         | 01 |    |     |     | TP  | 100 | 115 | 90  | 82  | 110 | 86  | 93  | 94  |
| 276000935868593 | <b>VANOX</b>          | RANDY        | WEINOX      | A1, 10, 17 | 02 |    | FH2 |     |     | 84  | 104 | 94  | 68  | 109 | 93  | 101 | 91  |
| 276000812130972 | <b>VANOXI</b>         | RANDY        | WEINOX      | 27         | 01 |    |     |     | TP  | 97  | 97  | 88  | 107 | 102 | 102 | 79  | 93  |
| 276000941240812 | <b>VANROG</b>         | VANSTEIN     | ROGEN       | Eu, 27     | 07 |    |     |     | TP  | 125 | 116 | 108 | 115 | 90  | 88  | 95  | 118 |
| 276000934586859 | <b>VANSTEIN</b>       | RANDY        | GS MALF     | Eu, 6, 17  | 00 |    |     |     | TP  | 130 | 120 | 116 | 112 | 100 | 105 | 95  | 112 |
| 276000813739365 | <b>VANURAI</b>        | VANSTEIN     | SAMURAI     | Eu, 27     | 07 |    |     |     | TP  | 112 | 113 | 121 | 86  | 111 | 91  | 92  | 101 |
| 276000941897056 | <b>VANZETTI</b>       | VANSTEIN     | HALLING     | 10, 16     | 07 |    |     |     | TP  | 121 | 119 | 108 | 103 | 83  | 108 | 88  | 89  |
| 276000942638557 | <b>VAREL</b>          | VANSTEIN     | REGIO       | 17         | 08 |    |     |     | TP? | 110 | 115 | 98  | 96  | 93  | 95  | 95  | 98  |
| 040000063994717 | <b>VARENA</b>         | GS RUMGO     | MANDELA     | Eu, A3     | 09 |    | FH2 |     |     | 134 | 127 | 99  | 125 | 107 | 92  | 109 | 112 |
| 276000811985205 | <b>VAREP ET</b>       | RANDY        | REPORT      | 27         | 01 |    |     |     | TP  | 87  | 96  | 89  | 89  | 92  | 94  | 97  | 108 |
| 276000941007156 | <b>VARIETE</b>        | VANSTEIN     | HONER       | Eu, 6      | 06 |    |     |     | TP  | 89  | 95  | 107 | 84  | 102 | 115 | 88  | 91  |
| 276000940422475 | <b>VARINAS</b>        | VANSTEIN     | BOSSAG      | Eu, 6, 9   | 06 |    |     |     | TP? | 110 | 111 | 116 | 88  | 106 | 99  | 92  | 87  |
| 276000941182891 | <b>VARISTOR</b>       | VANSTEIN     | POLDI       | Eu, 6      | 06 |    |     |     | TP  | 120 | 110 | 117 | 108 | 92  | 92  | 81  | 108 |
| 276000942374087 | <b>VASA</b>           | VANSTEIN     | GS RENE     | 10, 16     | 07 |    |     |     | TP  | 114 | 105 | 108 | 113 | 102 | 111 | 105 | 96  |
| 040000852601618 | <b>VASAL</b>          | GS VANDOR    | WINNIPEG    | Eu, A3     | 11 |    |     |     | TP  | 132 | 125 | 110 | 112 | 106 | 92  | 98  | 104 |
| 276000942247591 | <b>VASALL</b>         | VANSTEIN     | GS DIONIS   | 2          | 07 |    |     |     | TP  | 120 | 109 | 107 | 119 | 86  | 98  | 102 | 106 |
| 040000768091545 | <b>VASALL</b>         | RANDY        | HAXL        | A1, A3, A7 | 02 |    |     |     | TP  | 93  | 92  | 89  | 108 | 107 | 114 | 112 | 108 |
| 276000934400692 | <b>VASALL</b>         | RANDY        | EGOL (A)    | 10, 16     | 01 |    |     |     | TP  | 89  | 95  | 86  | 98  | 95  | 95  | 88  | 101 |
| 276000940668895 | <b>VASCO</b>          | VANSTEIN     | MALARD      | Eu, 6, A3  | 06 |    |     |     | TP  | 120 | 113 | 108 | 112 | 111 | 102 | 102 | 107 |
| 276000934796682 | <b>VASCO</b>          | RANDY        | STEFFEN     | 10, 16     | 00 |    |     | ZDL |     | 82  | 84  | 98  | 94  | 91  | 104 | 81  | 110 |
| 040000648342917 | <b>VAST</b>           | GS RUMGO     | ZAHNER      | Eu, A3, A8 | 09 |    | FH2 |     | TP  | 125 | 117 | 98  | 130 | 103 | 88  | 111 | 97  |
| 276000935119608 | <b>VAUPER</b>         | RANDY        | PROMO       | Eu, 6      | 00 |    |     |     | TP  | 94  | 98  | 98  | 96  | 98  | 101 | 103 | 104 |
| 276000815074026 | <b>VAUST</b>          | RAUWAT       | VANSTEIN    | Eu, 27     | 12 |    |     |     | TP  | 129 | 123 | 100 | 116 | 109 | 99  | 108 | 119 |
| 040000120247745 | <b>VAUSTRIA</b>       | RANDY        | HORB        | Eu, 27, A5 | 01 |    |     |     | TP  | 102 | 104 | 88  | 104 | 110 | 91  | 101 | 114 |
| 276000944731987 | <b>VAXE</b>           | RUREIF       | RUAP        | 17         | 10 |    |     |     | TP  | 119 | 118 | 101 | 103 | 97  | 88  | 94  | 99  |
| 276000944234524 | <b>VEGAS</b>          | RUREIF       | HATZ        | 17         | 09 |    |     |     | TP  | 109 | 110 | 103 | 93  | 103 | 113 | 94  | 101 |
| 276000946482065 | <b>VEILCHEN PS *1</b> | RUHMREICH PS | RESOLUT     | Eu, 6      | 12 |    |     |     | TP  | 127 | 119 | 105 | 125 | 91  | 107 | 102 | 105 |
| 276000944004585 | <b>VEIT</b>           | VEITER       | HUMID       | Eu, 6      | 09 |    | FH2 |     |     | 110 | 111 | 87  | 110 | 89  | 83  | 107 | 97  |
| 276000934488057 | <b>VEITER</b>         | RANDY        | ROMEN       | Eu, 6      | 01 |    |     |     | TP  | 111 | 106 | 88  | 116 | 88  | 102 | 109 | 95  |
| 276000934694673 | <b>VEITL</b>          | RANDY        | STREITL     | Eu, 27     | 00 |    |     |     | TP  | 92  | 93  | 100 | 98  | 101 | 104 | 95  | 93  |
| 276000945360054 | <b>VELDEN *TA</b>     | GS RAWALF    | WINNIPEG    | 10, 16     | 11 |    | FH2 |     |     | 120 | 113 | 104 | 115 | 112 | 102 | 101 | 106 |
| 276000934342236 | <b>VELLER</b>         | RANDY        | PROPELLER   | Eu, 9      | 00 |    |     |     | TP  | 114 | 105 | 105 | 115 | 106 | 110 | 105 | 94  |
| 276000947485060 | <b>VELLIAS *TA</b>    | VANEL *TA    | RUAKANA     | Eu, 6      | 12 |    |     |     | TP  | 132 | 124 | 110 | 115 | 102 | 104 | 115 | 117 |
| 276000935113751 | <b>VELTINS</b>        | RANDY        | HOLZ        | 10, 16     | 01 |    |     |     | TP  | 90  | 98  | 86  | 92  | 103 | 94  | 92  | 87  |
| 040000801612916 | <b>VELVET</b>         | GS RUM       | WATERBERG   | Eu, A3     | 09 |    |     |     | TP? | 122 | 114 | 104 | 114 | 113 | 110 | 98  | 105 |
| 276000945580689 | <b>VELVET</b>         | GS RUMGO     | MANDELA     | 2          | 10 |    |     |     | TP  | 122 | 108 | 110 | 126 | 110 | 100 | 108 | 100 |
| 276000935045566 | <b>VENDETTA</b>       | RANDY        | ROMEN       | 10, 16     | 01 |    |     |     | TP  | 99  | 98  | 85  | 112 | 86  | 96  | 101 | 108 |
| 276000933748320 | <b>VENKOR</b>         | RANDY        | GS MALF     | Eu, 6      | 00 |    |     |     | TP  | 115 | 103 | 118 | 111 | 109 | 106 | 102 | 105 |
| 276000934796683 | <b>VENNER</b>         | RANDY        | STEFFEN     | Eu, 6, A3  | 00 |    |     |     | TP  | 103 | 94  | 105 | 110 | 101 | 103 | 97  | 112 |
| 276000941358585 | <b>VENOSO</b>         | VANSTEIN     | HODWEIN     | 10         | 07 |    |     |     | TP  | 115 | 108 | 104 | 114 | 110 | 121 | 106 | 110 |
| 276000941737903 | <b>VENTIL</b>         | VANSTEIN     | RAMBA       | 17, A7, 3  | 07 |    |     |     | TP  | 124 | 115 | 113 | 114 | 103 | 104 | 89  | 106 |
| 276000934616821 | <b>VENTO</b>          | RANDY        | ROMEN       | 16, 10     | 01 |    |     |     | TP  | 105 | 105 | 96  | 102 | 96  | 94  | 96  | 105 |
| 276000934583929 | <b>VENUS</b>          | RANDY        | STRONZO     | 17, A1     | 00 |    |     |     | TP  | 94  | 94  | 100 | 99  | 100 | 95  | 103 | 108 |
| 276000946115692 | <b>VERDI *TA</b>      | GS RUMGO     | GEBALOT     | 16, 2, 10  | 11 |    | FH2 |     |     | 136 | 126 | 115 | 115 | 90  | 97  | 103 | 99  |
| 276000941794152 | <b>VERDON</b>         | VAGABUND     | MALEFIZ     | 17, A1, A7 | 07 |    |     |     | TP  | 119 | 113 | 109 | 112 | 106 | 107 | 84  | 106 |
| 040000412117517 | <b>VERDUN *TA</b>     | VANSTEIN     | WINNIPEG    | 10, AV, 16 | 10 |    |     |     | TPr | 133 | 122 | 116 | 115 | 108 | 104 | 90  | 112 |
| 276000947020209 | <b>VERGLAS Pp* *</b>  | RUHMREICH PS | NARR *TA    | 10, 16     | 12 |    | FH2 |     |     | 127 | 122 | 104 | 117 | 95  | 114 | 99  | 102 |
| 276000933243269 | <b>VERMEIL</b>        | RANDY        | HORWART     | Eu, 6, 10  | 02 |    |     |     | TP  | 81  | 80  | 98  | 99  | 89  | 105 | 89  | 108 |
| 276000941433807 | <b>VERMONT</b>        | VANSTEIN     | BONSCHAL    | 2          | 06 |    |     |     | TP  | 112 | 105 | 112 | 110 | 99  | 103 | 89  | 98  |
| 276000934978002 | <b>VERNAL</b>         | RANDY        | RAMBO       | Eu, 6, 3   | 00 |    |     |     | TP  | 80  | 92  | 93  | 82  | 97  | 85  | 81  | 97  |
| 276000940680380 | <b>VERTIGO</b>        | VANSTEIN     | ENGADIN *TA | 2          | 07 |    |     |     | TP  | 117 | 102 | 105 | 126 | 79  | 84  | 98  | 109 |
| 040000124680616 | <b>VERWALL PS</b>     | VAUSTRIA     | RUMBA       | Eu, A5, 6  | 07 |    |     |     | TP  | 102 | 105 | 95  | 98  | 110 | 85  | 100 | 107 |
| 276000944495391 | <b>VESPER *TA</b>     | RUREIF       | MORBO       | 3, 17      | 10 |    |     |     | TP  | 127 | 120 | 104 | 114 | 108 | 92  | 104 | 112 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar, ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                 | Vater         | MV             | Station    | J. | DW | FH2 | ZDL | TP  | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------------|---------------|----------------|------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000946148895 | <b>VESTAL</b>        | RUREIF        | WAL            | 3          | 11 |    |     |     | TP  | 125 | 121 | 102 | 110 | 100 | 101 | 99  | 105 |
| 040000657291709 | <b>VESUV</b>         | VAGABUND      | EIS *TA        | A1, 17     | 07 |    |     |     | TP  | 110 | 121 | 99  | 83  | 108 | 93  | 84  | 98  |
| 276000945580686 | <b>VETO</b>          | GS RUMGO      | GS RAU         | 2          | 10 |    | FH2 |     |     | 127 | 121 | 113 | 111 | 102 | 91  | 103 | 96  |
| 276000946581905 | <b>VETTER *TA</b>    | RUREIF        | RICKI          | 17         | 11 |    |     |     | TP  | 127 | 121 | 111 | 106 | 102 | 99  | 102 | 111 |
| 040000400237416 | <b>VETTL</b>         | VANSTEIN      | ROMEL (A)      | Eu, A3, A8 | 08 |    |     |     | TP  | 120 | 106 | 117 | 122 | 106 | 111 | 115 | 118 |
| 276000664079769 | <b>VIDAL</b>         | GS RUMGO      | HIPPO          | Eu, 26, 6  | 10 |    | FH2 |     | TP  | 136 | 125 | 115 | 122 | 98  | 94  | 106 | 104 |
| 276000812097700 | <b>VIERI</b>         | RANDY         | HAXPAT         | 10, 16     | 02 |    |     |     | TP  | 96  | 93  | 86  | 110 | 89  | 76  | 88  | 103 |
| 276000935059174 | <b>VIGANT</b>        | RANDY         | ZAR            | 10, A1, A7 | 01 |    |     |     | TP  | 99  | 106 | 111 | 80  | 111 | 105 | 84  | 94  |
| 276000933768508 | <b>VIGARO</b>        | RANDY         | REPORT         | 17         | 01 |    |     |     | TP  | 98  | 99  | 103 | 98  | 92  | 115 | 89  | 106 |
| 276000933948046 | <b>VIGO</b>          | RANDY         | MORWEL         | A1, A7, 10 | 00 |    |     |     | TP  | 84  | 93  | 79  | 94  | 99  | 97  | 115 | 107 |
| 276000934504554 | <b>VIGOR</b>         | RANDY         | HORB           | 16, 10     | 01 |    |     |     | TP  | 90  | 90  | 98  | 101 | 101 | 116 | 112 | 94  |
| 040000648343117 | <b>VIKTOR</b>        | GS RUMGO      | ZAHNER         | Eu, A3, A5 | 09 |    | FH2 |     |     | 127 | 118 | 112 | 116 | 101 | 95  | 108 | 97  |
| 276000974602114 | <b>VIKTOR</b>        | GS RAWALF     | VANSTEIN       | Eu, 6      | 10 |    | FH2 |     |     | 122 | 117 | 105 | 111 | 108 | 104 | 105 | 115 |
| 276000945398730 | <b>VIKUNJA *TA</b>   | GS RAWALF     | ROMEL (A)      | Eu, 6, A5  | 10 |    |     |     | TP  | 127 | 116 | 102 | 123 | 115 | 113 | 111 | 106 |
| 276000945360060 | <b>VILLNOESS *TA</b> | GS RUMGO      | MR BEAN        | 10, 16     | 11 |    |     | ZDL |     | 134 | 114 | 117 | 135 | 108 | 105 | 110 | 109 |
| 276000935045563 | <b>VINO</b>          | RANDY         | MALDINI        | 10, 16     | 01 |    |     |     | TP? | 100 | 106 | 92  | 96  | 102 | 89  | 98  | 107 |
| 276000940383973 | <b>VINZENZ</b>       | VAGABUND      | PASS           | 17, A7     | 06 |    | FH2 |     | TP  | 99  | 109 | 87  | 89  | 105 | 99  | 93  | 102 |
| 276000946442850 | <b>VIP *TA</b>       | RUREIF        | WAL            | 16, 10     | 12 |    |     |     | TP  | 134 | 133 | 103 | 108 | 98  | 110 | 98  | 100 |
| 276000934326201 | <b>VIRCHOW (A)</b>   | RANDY         | REXON (A)      | 10, AV, 16 | 01 |    |     |     | TP  | 114 | 114 | 90  | 108 | 104 | 84  | 107 | 103 |
| 276000941516765 | <b>VIRGIL *TA</b>    | VANSTEIN      | POLDI          | 3, 17      | 06 |    |     |     | TP  | 117 | 109 | 115 | 107 | 104 | 106 | 96  | 101 |
| 040000053924916 | <b>VISION</b>        | VANSTEIN      | RESS           | 10         | 07 |    |     |     | TP  | 116 | 114 | 107 | 102 | 117 | 103 | 92  | 119 |
| 276000940653120 | <b>VISTO</b>         | VANSTEIN      | MISTER         | A1, A7, 17 | 06 |    |     | ZDL | TP  | 111 | 112 | 115 | 93  | 96  | 106 | 88  | 96  |
| 040000312437117 | <b>VITALO</b>        | VANSTEIN      | WEINOLD        | Eu, A5, A3 | 09 |    |     |     | TP  | 132 | 121 | 122 | 109 | 91  | 93  | 96  | 103 |
| 276000935105144 | <b>VITERBO</b>       | RANDY         | HUSALDO        | 10, 16     | 00 |    |     |     | TP  | 96  | 94  | 106 | 99  | 94  | 91  | 79  | 93  |
| 040000944894617 | <b>VITUS</b>         | GS VANDOR     | MANITOBA       | Eu, A3, A5 | 10 |    | FH2 |     |     | 125 | 122 | 91  | 116 | 114 | 91  | 94  | 108 |
| 276000941278884 | <b>VIVALDI</b>       | VANSTEIN      | HATZ           | 10, AV, 2  | 06 |    |     |     | TP  | 114 | 108 | 108 | 109 | 106 | 116 | 107 | 106 |
| 276000661600957 | <b>VIVALDI</b>       | RANDY         | FLIPPER        | Eu, 27     | 01 |    |     |     | TP  | 98  | 98  | 95  | 104 | 95  | 82  | 93  | 110 |
| 040000329644119 | <b>VIVIANO</b>       | GS RUMGO      | VANSTEIN       | Eu, A5, 6  | 11 |    | FH2 |     | TP  | 136 | 129 | 97  | 128 | 95  | 96  | 98  | 107 |
| 276000943827127 | <b>VLONA</b>         | GS RUMGO      | RATGEBER       | Eu, 9, 6   | 09 |    | FH2 |     | TP  | 123 | 120 | 103 | 108 | 109 | 101 | 107 | 94  |
| 276000936329880 | <b>VODACH</b>        | RANDY         | HODACH         | 10, 17     | 02 |    |     |     | TP? | 107 | 119 | 89  | 89  | 105 | 94  | 88  | 106 |
| 276000943650803 | <b>VOGNER</b>        | ROUND UP      | RAINER         | Eu, 9      | 09 |    |     |     | TP  | 115 | 111 | 111 | 103 | 117 | 117 | 110 | 109 |
| 276000811900486 | <b>VOHARR</b>        | RANDY         | HORROR         | 27         | 01 |    |     |     | TP  | 100 | 97  | 88  | 114 | 90  | 90  | 90  | 102 |
| 276000934511881 | <b>VOLDEMORT</b>     | RANDY         | ROMEN          | 10, 16     | 00 |    |     |     | TP  | 91  | 99  | 82  | 94  | 105 | 82  | 101 | 106 |
| 276000934697993 | <b>VOLLBLUT</b>      | RANDY         | HACK           | 10, 16     | 01 |    |     |     | TP  | 81  | 88  | 95  | 88  | 104 | 114 | 92  | 100 |
| 276000941155376 | <b>VOLLGAS</b>       | VANSTEIN      | MANDL          | 10, 16     | 07 |    | FH2 |     | TP  | 121 | 112 | 100 | 120 | 104 | 107 | 92  | 113 |
| 276000934702370 | <b>VOLLTREFFE</b>    | RANDY         | SPORT          | 17, 3      | 00 |    |     |     | TP  | 109 | 102 | 109 | 108 | 97  | 107 | 93  | 98  |
| 276000940675390 | <b>VOLTURNO PS</b>   | VANSTEIN      | LEO            | 10, 16     | 07 |    |     |     | TP  | 110 | 106 | 110 | 104 | 90  | 111 | 86  | 95  |
| 276000934084747 | <b>VOLVO</b>         | RANDY         | STAR           | 2, 10      | 01 |    |     |     | TP  | 98  | 95  | 90  | 113 | 83  | 111 | 96  | 97  |
| 276000934964791 | <b>VOMBI</b>         | RANDY         | ROMBI          | Eu, 9      | 00 |    | FH2 |     |     | 89  | 117 | 71  | 69  | 110 | 100 | 93  | 82  |
| 276000813563477 | <b>VOMEL *TA</b>     | VANSTEIN      | ROMEL (A)      | Eu, 27     | 07 |    |     |     | TP  | 117 | 108 | 102 | 118 | 94  | 99  | 97  | 119 |
| 276000811851868 | <b>VOMEN</b>         | RANDY         | ROMEN          | 27         | 01 |    |     |     | TP? | 91  | 97  | 91  | 95  | 99  | 100 | 89  | 100 |
| 276000811946947 | <b>VOMO</b>          | RANDY         | PROMO          | 27         | 01 |    |     |     | TP  | 82  | 87  | 93  | 90  | 104 | 104 | 91  | 84  |
| 276000946693381 | <b>VOMP</b>          | GS RUMGO      | REGIO          | 17         | 11 |    | FH2 |     | TP  | 135 | 121 | 117 | 121 | 99  | 96  | 108 | 104 |
| 276000946161691 | <b>VON WELT Pp*</b>  | VALERO PS *TA | RALMESBACH f 2 |            | 11 |    |     |     | TP  | 130 | 121 | 108 | 120 | 115 | 105 | 108 | 119 |
| 276000935044055 | <b>VONER</b>         | RANDY         | HONER          | Eu, 6      | 01 |    |     |     | TP  | 88  | 102 | 94  | 78  | 97  | 97  | 88  | 83  |
| 040000206632519 | <b>VONN</b>          | RONN          | GS RAU         | Eu, A3, A5 | 11 |    |     |     | TP  | 132 | 121 | 115 | 119 | 107 | 93  | 99  | 117 |
| 276000811900492 | <b>VONSUEL</b>       | RANDY         | RONSUEL        | 27         | 01 |    |     |     | TP  | 91  | 100 | 87  | 92  | 103 | 96  | 89  | 104 |
| 276000941970409 | <b>VOODOO</b>        | VANSTEIN      | MANDL          | 10, 16     | 07 |    | FH2 |     | TP  | 124 | 119 | 106 | 112 | 103 | 86  | 97  | 99  |
| 040000822948116 | <b>VORAN</b>         | GS RUMGO      | ROMEO          | Eu, A3     | 09 |    | FH2 |     | TP  | 122 | 117 | 88  | 123 | 107 | 88  | 120 | 109 |
| 276000942361843 | <b>VORAUS</b>        | VODACH        | REGIO          | Eu, 6, 9   | 07 |    |     |     | TP  | 107 | 109 | 102 | 95  | 104 | 97  | 104 | 111 |
| 276000945505927 | <b>VORBILD</b>       | GS RUMGO      | REGIO          | Eu, 6      | 11 |    | FH2 |     |     | 130 | 122 | 107 | 118 | 103 | 98  | 113 | 113 |
| 276000812043850 | <b>VORETT</b>        | RANDY         | HORB           | 27         | 01 |    |     |     | TP  | 100 | 103 | 96  | 98  | 97  | 99  | 96  | 104 |
| 276000943483832 | <b>VORGUCKER</b>     | GS RUMGO      | EILIG *TA      | Eu, 6      | 09 |    | FH2 |     | TP  | 125 | 119 | 95  | 122 | 93  | 88  | 104 | 97  |
| 276000944367402 | <b>VORWAERTS</b>     | GS RUMGO      | EILIG *TA      | Eu, 6      | 09 |    | FH2 |     | TP  | 124 | 114 | 108 | 117 | 94  | 93  | 90  | 101 |
| 276000944080568 | <b>VORWERK *TA</b>   | GS RUMGO      | SEGO           | 10, AV, 16 | 10 |    | FH2 |     |     | 135 | 128 | 114 | 110 | 111 | 91  | 108 | 107 |
| 276000934985464 | <b>VOX</b>           | RANDY         | EGOL (A)       | 3, 6       | 01 |    |     |     | TP  | 103 | 98  | 111 | 102 | 111 | 101 | 83  | 102 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                | Vater        | MV        | Station    | J. | DW | FH2 | ZDL | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|---------------------|--------------|-----------|------------|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000934730456 | <b>VULCANO</b>      | RANDY        | HORWEIN   | 10, 16     | 01 |    |     |     | TP | 82  | 89  | 86  | 95  | 104 | 99  | 87  | 90  |
| 276000943423989 | <b>VULES</b>        | GS RUMGO     | HATZ      | Eu, 9, 6   | 09 |    | FH2 |     |    | 121 | 117 | 111 | 107 | 100 | 99  | 106 | 100 |
| 276000934779936 | <b>VULKAN</b>       | RANDY        | ZAX       | 16, 10     | 00 |    |     |     | TP | 102 | 108 | 94  | 93  | 103 | 88  | 86  | 96  |
| 040000650046845 | <b>VULKAN</b>       | RANDY        | HORB      | A1, A5, A3 | 01 |    |     |     | TP | 89  | 90  | 106 | 92  | 97  | 103 | 100 | 100 |
| 276000946031524 | <b>VUONIS</b>       | GS RUMGO     | GS DIONIS | Eu, 27     | 11 |    | FH2 |     | TP | 135 | 122 | 106 | 130 | 93  | 100 | 119 | 110 |
| 276000663510953 | <b>VUPAN</b>        | RUSTICO *TA  | ZAHNER    | Eu, 26, 6  | 09 |    |     |     | TP | 117 | 114 | 105 | 109 | 100 | 110 | 107 | 107 |
| 040000241914245 | <b>WADI</b>         | GS WAX       | GS DIDI   | A1, 10, 17 | 01 |    |     |     | TP | 87  | 82  | 101 | 106 | 99  | 113 | 91  | 94  |
| 276000946511626 | <b>WAGHALSIG</b>    | WAGUT        | ROCHUS    | Eu, 6, 9   | 11 |    |     |     | TP | 131 | 125 | 121 | 102 | 106 | 104 | 101 | 101 |
| 276000940177218 | <b>WAGNIS</b>       | WAL          | RALBIT    | Eu, 6, 9   | 06 |    |     |     | TP | 118 | 105 | 97  | 129 | 101 | 118 | 105 | 102 |
| 040000011383709 | <b>WAHL</b>         | WEBAL        | ROMEO     | Eu, A3     | 05 |    |     |     | TP | 107 | 107 | 87  | 109 | 93  | 89  | 113 | 107 |
| 040000435572718 | <b>WAHNSINN</b>     | WILLE        | POSSIDO   | Eu, A3     | 12 | DW |     | ZDL |    | 137 | 122 | 101 | 134 | 108 | 107 | 112 | 106 |
| 040000806707718 | <b>WAHNSINN *TA</b> | WALDBRAND    | MANDELA   | 10, AV, 16 | 11 |    | FH2 |     |    | 126 | 114 | 104 | 125 | 118 | 110 | 124 | 100 |
| 276000946093021 | <b>WAHNSINNIG P</b> | WAHNFRIED PS | WINNIPEG  | Eu, 6      | 11 |    | FH2 |     |    | 110 | 104 | 108 | 111 | 92  | 103 | 112 | 117 |
| 276000940996103 | <b>WAHRHEIT</b>     | WARAN        | HORR      | 17, A7     | 06 |    |     |     | TP | 105 | 102 | 105 | 104 | 97  | 96  | 113 | 99  |
| 276000946447780 | <b>WAHRSAGER *T</b> | WILDWEST     | VANSTEIN  | 16, 10     | 12 |    |     |     | TP | 146 | 134 | 114 | 120 | 105 | 100 | 100 | 109 |
| 276000946506213 | <b>WAIDLER *TA</b>  | WALDBRAND    | GS RUMGO  | Eu, 6      | 12 |    | FH2 |     |    | 141 | 134 | 102 | 124 | 108 | 91  | 107 | 107 |
| 276000932739101 | <b>WAIKIKI</b>      | WINZER       | RALBO     | AV, 10, 16 | 99 |    |     |     | TP | 84  | 84  | 105 | 93  | 97  | 108 | 104 | 95  |
| 276000940100513 | <b>WALDBRAND</b>    | WINNIPEG     | MALEFIZ   | A1, AV, 10 | 06 |    | FH2 |     |    | 137 | 124 | 109 | 122 | 118 | 103 | 114 | 107 |
| 276000933283893 | <b>WALDBURG</b>     | WEINOX       | ROCK      | 10, 16     | 99 |    |     |     | TP | 82  | 85  | 119 | 79  | 98  | 109 | 91  | 92  |
| 276000944932966 | <b>WALDERA</b>      | WAL          | MADERA    | Eu, 27     | 10 |    | FH2 |     |    | 132 | 120 | 122 | 113 | 115 | 116 | 112 | 98  |
| 040000333051547 | <b>WALDESS</b>      | GS WAX       | RENGER    | 2, 10      | 02 |    |     |     | TP | 96  | 88  | 126 | 98  | 99  | 123 | 91  | 83  |
| 276000940220038 | <b>WALDHOER</b>     | WINNIPEG     | RALPON    | 10, A7, AV | 06 |    | FH2 |     |    | 126 | 113 | 99  | 127 | 101 | 101 | 100 | 108 |
| 276000939812492 | <b>WALDMANN</b>     | WEINOLD      | GS MALHAX | 10, A1, A7 | 05 | DW |     |     |    | 101 | 105 | 86  | 98  | 96  | 74  | 88  | 112 |
| 276000945085105 | <b>WALDMEISTE</b>   | WAL          | WINNIPEG  | 16, 10     | 10 |    | FH2 |     |    | 134 | 119 | 105 | 128 | 105 | 125 | 111 | 106 |
| 276000815074065 | <b>WALDOL</b>       | WALDBRAND    | HUPSOL    | Eu, 27     | 12 |    | FH2 |     |    | 139 | 124 | 118 | 121 | 117 | 103 | 111 | 109 |
| 276000946480817 | <b>WALDSEE</b>      | WALDBRAND    | RUAKANA   | 2          | 11 |    | FH2 |     |    | 131 | 128 | 104 | 107 | 104 | 100 | 97  | 103 |
| 276000946437844 | <b>WALDWIRT *TA</b> | WALDBRAND    | RESOLUT   | 10, 16     | 12 |    | FH2 |     |    | 142 | 125 | 111 | 132 | 109 | 104 | 113 | 118 |
| 276000813329906 | <b>WALDY</b>        | WALBO        | RANDY     | 27         | 05 | DW |     |     |    | 97  | 111 | 90  | 82  | 95  | 110 | 97  | 98  |
| 276000946543464 | <b>WALGRANDE *T</b> | WAL          | RESOLUT   | Eu, 6      | 11 |    |     |     | TP | 135 | 126 | 100 | 125 | 100 | 105 | 110 | 108 |
| 276000936290182 | <b>WALHAI</b>       | WESPE        | HUSALDO   | 10, 16     | 02 |    | FH2 |     |    | 106 | 93  | 113 | 115 | 87  | 108 | 102 | 87  |
| 276000946704042 | <b>WALISER *TA</b>  | WALDBRAND    | REGIO     | Eu, 6, 9   | 12 |    | FH2 |     |    | 141 | 128 | 112 | 125 | 116 | 106 | 104 | 125 |
| 276000941168670 | <b>WALKUR</b>       | WAL          | RUMBA     | Eu, 6      | 06 |    |     |     | TP | 118 | 115 | 100 | 112 | 98  | 104 | 98  | 95  |
| 276000932044295 | <b>WALLBERG</b>     | WEINOX       | STREITL   | 10, 16     | 99 |    |     |     | TP | 84  | 87  | 103 | 87  | 96  | 97  | 92  | 101 |
| 276000947023846 | <b>WALLISER *TA</b> | WALDBRAND    | ILION     | 2          | 12 |    | FH2 |     |    | 131 | 119 | 101 | 126 | 120 | 98  | 109 | 110 |
| 276000946469910 | <b>WALLISER *TA</b> | WALDHOER     | MAL       | 10, 16     | 12 |    | FH2 |     |    | 129 | 116 | 112 | 124 | 106 | 111 | 114 | 105 |
| 276000932557204 | <b>WALLSTREET</b>   | WEINOX       | STREITL   | 10, 16     | 99 |    |     | ZDL | TP | 90  | 95  | 95  | 90  | 97  | 94  | 99  | 97  |
| 276000946667776 | <b>WALROSS *TA</b>  | WITZBOLD     | VARUS     | 10, 16     | 11 |    | FH2 |     |    | 131 | 117 | 120 | 118 | 99  | 107 | 103 | 111 |
| 276000940569241 | <b>WALTER</b>       | WAL          | REGIO     | A1, A7, 17 | 05 |    |     |     | TP | 119 | 107 | 100 | 125 | 98  | 102 | 107 | 113 |
| 276000946414754 | <b>WALTIG</b>       | WALDBRAND    | WAL       | Eu, 6      | 12 |    | FH2 |     |    | 141 | 131 | 110 | 120 | 115 | 98  | 108 | 105 |
| 276000940338363 | <b>WALTRAN</b>      | WAL          | RUMBA     | 10, 16     | 05 |    |     |     | TP | 117 | 108 | 110 | 113 | 106 | 118 | 103 | 103 |
| 276000931791417 | <b>WALZER</b>       | WINZER       | RALBO     | 17, A1, 10 | 99 |    |     |     | TP | 84  | 97  | 93  | 78  | 84  | 86  | 91  | 98  |
| 040000666503342 | <b>WAMSEL</b>       | GS WAX       | GS LABRA  | Eu, A5     | 00 |    |     |     | TP | 88  | 84  | 96  | 111 | 98  | 85  | 90  | 105 |
| 276000940940854 | <b>WANNSEE</b>      | WINNIPEG     | HORB      | 10, 16     | 06 |    | FH2 |     |    | 125 | 112 | 105 | 124 | 111 | 106 | 102 | 112 |
| 276000930577880 | <b>WAPITI</b>       | WEINOX       | PASS      | 10, 16     | 99 |    |     | ZDL |    | 74  | 84  | 95  | 81  | 101 | 98  | 99  | 97  |
| 276000940425054 | <b>WARNGAU</b>      | WINNIPEG     | REGIO     | 10, 16     | 06 |    |     |     | TP | 121 | 105 | 115 | 120 | 104 | 109 | 96  | 103 |
| 276000938739521 | <b>WAROM (A*)</b>   | WATERBERG    | ROMEL (A) | 27         | 04 |    | FH2 |     |    | 94  | 100 | 96  | 91  | 102 | 98  | 116 | 105 |
| 276000932267399 | <b>WARRIOR</b>      | WINZER       | MORWEL    | 10, 16     | 98 |    |     |     | TP | 92  | 89  | 96  | 105 | 99  | 108 | 87  | 104 |
| 276000939898887 | <b>WARSTEIN</b>     | WATERBERG    | RAPID     | 2          | 05 |    |     |     | TP | 102 | 106 | 95  | 96  | 81  | 86  | 114 | 99  |
| 276000934630991 | <b>WASCHBAER</b>    | WESPE        | RENGER    | 10, 16     | 00 |    | FH2 |     | TP | 112 | 100 | 121 | 111 | 92  | 116 | 93  | 85  |
| 276000941188199 | <b>WASH</b>         | WASCHBAER    | ROCHEN    | 10, AV, 16 | 06 |    | FH2 |     | TP | 112 | 96  | 134 | 109 | 102 | 130 | 98  | 94  |
| 276000940624328 | <b>WASHINGTON</b>   | WINNIPEG     | SAFIR     | 10, 16     | 06 |    | FH2 |     |    | 113 | 108 | 110 | 107 | 105 | 115 | 95  | 85  |
| 276000938087159 | <b>WATERLOO</b>     | WATERBERG    | RADON     | 10, 16     | 04 |    | FH2 |     |    | 110 | 111 | 108 | 93  | 92  | 100 | 112 | 92  |
| 276000946727083 | <b>WATSON *TA</b>   | WALDBRAND    | ROUND UP  | 2          | 11 |    | FH2 |     |    | 133 | 126 | 101 | 121 | 109 | 104 | 115 | 103 |
| 276000932424861 | <b>WATT</b>         | WASEN        | RALBO     | 3          | 99 |    |     |     | TP | 93  | 89  | 113 | 98  | 112 | 112 | 91  | 95  |
| 276000662708276 | <b>WATZMANN</b>     | WINNIPEG     | RANDY     | 2          | 06 |    | FH2 |     |    | 112 | 108 | 99  | 106 | 103 | 102 | 91  | 91  |
| 276000815381866 | <b>WAVABO</b>       | WALDBRAND    | VANSTEIN  | 27         | 12 |    | FH2 |     | TP | 136 | 121 | 109 | 127 | 117 | 116 | 109 | 119 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähnli. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name           | Vater       | MV           | Station    | J. | DW  | FH2 | ZDL  | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|----------------|-------------|--------------|------------|----|-----|-----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000408088172 | WAVE           | GS WAX      | JULIAN RED   | A1         | 03 |     |     |      | TP | 87  | 82  | 106 | 103 | 116 | 88  | 96  | 112 |
| 040000612344634 | WAXI-ET        | GS WAX      | STREUF       | Eu, A3     | 00 |     |     |      | TP | 83  | 78  | 112 | 97  | 119 | 114 | 101 | 102 |
| 276000947470606 | WEB *TA        | WILLE       | GS RUMGO     | 17, A1     | 12 |     |     |      | TP | 143 | 130 | 103 | 133 | 108 | 103 | 125 | 120 |
| 276000943333293 | WEBEL Pp       | HEBOS-AP PS | HOGOL *TA    | Eu, 9, 6   | 09 |     |     | ZDL  |    | 99  | 97  | 110 | 94  | 99  | 115 | 106 | 96  |
| 040000247599219 | WEBER          | WEBURG      | WINNIPEG     | Eu, A3     | 12 |     | FH2 |      |    | 130 | 122 | 101 | 121 | 98  | 104 | 110 | 106 |
| 276000946503589 | WEBMASTER *T   | WITZBOLD    | WATERBERG    | 10, 16     | 11 |     | FH2 |      |    | 131 | 120 | 129 | 105 | 115 | 110 | 103 | 109 |
| 276000939168722 | WEBRAND        | WEBAL       | RANDY        | Eu, 6      | 05 |     |     |      | TP | 102 | 111 | 105 | 82  | 113 | 105 | 109 | 97  |
| 276000947336192 | WEDEL *TA      | WEBURG      | WINNIPEG     | 16, 10     | 12 |     | FH2 |      |    | 132 | 128 | 98  | 116 | 98  | 101 | 104 | 105 |
| 276000940247323 | WEIBIT         | WEINOLD     | RALBIT       | 27         | 05 |     |     |      | TP | 103 | 102 | 100 | 102 | 87  | 102 | 106 | 89  |
| 276000947435904 | WEIHNACHT      | WEINFUR *TA | MALHAXL      | 6          | 12 |     |     |      | TP | 129 | 117 | 104 | 124 | 102 | 98  | 102 | 104 |
| 276000933371867 | WEIKES         | WEINOX      | GS MALF      | Eu, 6      | 99 |     | FH2 |      |    | 102 | 102 | 111 | 92  | 101 | 98  | 115 | 100 |
| 040000777141909 | WEINBERG       | WINNIPEG    | VIKUS RED    | Eu, A3     | 06 |     | FH2 |      |    | 116 | 117 | 100 | 100 | 103 | 89  | 109 | 113 |
| 276000939181681 | WEINBERG       | WEINOLD     | HIPPO        | 3          | 05 |     |     |      | TP | 88  | 97  | 96  | 86  | 101 | 99  | 102 | 90  |
| 276000933223019 | WEINBERGER     | WEINOX      | RALBO        | A1, A7, 10 | 99 |     |     |      | TP | 70  | 93  | 100 | 53  | 108 | 81  | 88  | 94  |
| 276000933471462 | WEINDER        | WEINOX      | RENNER       | 3          | 99 |     |     |      | TP | 87  | 90  | 104 | 88  | 99  | 89  | 98  | 92  |
| 276000939847213 | WEINFEST       | WEINOLD     | REGIO        | 16, 10     | 05 |     |     |      | TP | 111 | 111 | 103 | 100 | 99  | 101 | 110 | 95  |
| 276000939169295 | WEINGLAS       | WEINOLD     | RANDY        | 16, 10     | 05 |     |     |      | TP | 115 | 119 | 109 | 89  | 109 | 95  | 87  | 107 |
| 276000939985037 | WEINHORN PS    | WEINOLD     | REDER        | Eu, 6      | 05 |     |     |      | TP | 94  | 94  | 98  | 101 | 77  | 92  | 95  | 81  |
| 276000932650588 | WEINIG         | WEINOX      | ZEUS         | Eu, 6, 3   | 99 |     | FH2 |      |    | 87  | 96  | 98  | 83  | 99  | 104 | 96  | 96  |
| 276000938740465 | WEINLET        | WEINOLD     | ROMLET       | Eu, 6      | 05 |     |     |      | TP | 109 | 113 | 102 | 92  | 112 | 101 | 120 | 92  |
| 276000933371868 | WEINMAL        | WEINOX      | GS MALF      | A1, A7, 10 | 99 |     | FH2 |      | TP | 94  | 96  | 112 | 85  | 107 | 102 | 105 | 101 |
| 276000933418891 | WEINMOST       | WEINOX      | GS MALF      | 17, A1, A7 | 99 |     | FH2 |      |    | 104 | 99  | 122 | 97  | 109 | 108 | 98  | 95  |
| 276000932945488 | WEINOM         | WEINOX      | GS MALF      | A1, A7, 10 | 99 |     | FH2 |      |    | 97  | 96  | 123 | 87  | 108 | 113 | 101 | 97  |
| 276000938844704 | WEINPORT       | WEINOLD     | REPORT       | Eu, 6, A3  | 05 |     |     |      | TP | 103 | 102 | 98  | 102 | 106 | 119 | 107 | 105 |
| 276000941447156 | WEISSBIER      | WASCHBAER   | ROMEN        | 10, 16     | 07 |     |     |      | TP | 95  | 94  | 101 | 100 | 94  | 101 | 107 | 89  |
| 276000947389696 | WEISSBLAU *TA  | WILLE       | MERKUR       | 10, 16     | 12 |     |     |      | TP | 146 | 137 | 104 | 121 | 109 | 104 | 108 | 109 |
| 276000947312936 | WEKO *TA       | WALDBRAND   | GS RUMGO     | 17         | 12 |     | FH2 |      |    | 138 | 125 | 111 | 128 | 114 | 108 | 109 | 106 |
| 276000946177051 | WELLER *TA     | WEBURG      | MANDL        | Eu, 6      | 11 |     | FH2 |      |    | 130 | 132 | 109 | 97  | 102 | 107 | 105 | 105 |
| 040000472158209 | WELS           | WEINOLD     | SALUS        | Eu, A3     | 05 | DW  |     |      |    | 95  | 103 | 101 | 84  | 110 | 86  | 100 | 99  |
| 276000937779127 | WELSER         | WESPE       | RANDY        | 2          | 03 |     |     |      | TP | 94  | 89  | 93  | 114 | 88  | 99  | 92  | 108 |
| 276000946610390 | WELTALL Pp* *T | WALDBRAND   | DIMENSION Pp | 2          | 12 |     | FH2 |      |    | 131 | 120 | 103 | 126 | 106 | 115 | 114 | 106 |
| 276000946716137 | WELTKLASSE *   | WEBURG      | RUAP         | Eu, 6      | 12 |     | FH2 |      |    | 129 | 120 | 108 | 111 | 100 | 101 | 111 | 106 |
| 276000946722121 | WELTWEIT       | WITZBOLD    | GS RAU       | 2          | 11 |     | FH2 |      |    | 140 | 125 | 119 | 125 | 111 | 103 | 99  | 115 |
| 276000939737179 | WENDELIN       | WEBAL       | STROVANNA    | Eu, A3, A5 | 05 |     |     | ZDL  |    | 99  | 98  | 87  | 109 | 100 | 90  | 109 | 118 |
| 276000947682611 | WENDLINGER     | WILLE       | GEBALOT      | 10, 16     | 12 |     |     | ZDL? |    | 146 | 128 | 100 | 144 | 96  | 95  | 122 | 116 |
| 276000947020205 | WENGEN *TA     | WEBURG      | DON JUAN     | 10, 16     | 12 |     | FH2 |      |    | 136 | 129 | 109 | 113 | 99  | 99  | 94  | 113 |
| 276000932687828 | WEPELLER       | WEINOX      | PROPELLER    | 27         | 99 |     | FH2 |      |    | 86  | 90  | 102 | 89  | 99  | 88  | 107 | 96  |
| 276000813431958 | WERAND         | WEINOLD     | RANDY        | Eu, 27     | 06 |     |     |      | TP | 111 | 114 | 103 | 93  | 99  | 90  | 103 | 100 |
| 276000939533152 | WERMAL         | WEBAL       | -            | Eu, 6, 9   | 05 |     |     |      | TP | 104 | 104 | 93  | 103 | 93  | 111 | 114 | 108 |
| 276000813378821 | WERRY          | WEINOLD     | LOTARRY      | 27         | 05 |     |     |      | TP | 105 | 105 | 106 | 97  | 101 | 98  | 113 | 102 |
| 276000935703404 | WESEX *TA      | WESPE       | REXON (A)    | 10, 16     | 01 |     | FH2 |      |    | 109 | 106 | 86  | 113 | 89  | 111 | 102 | 94  |
| 276000939181657 | WESIR          | WEBAL       | RANDY        | Eu, A3     | 05 |     |     |      | TP | 100 | 110 | 90  | 87  | 88  | 92  | 111 | 99  |
| 276000914861999 | WESPE          | HORWEIN     | POSCO        | AV, 10     | 92 |     | FH2 |      |    | 107 | 94  | 105 | 122 | 95  | 113 | 104 | 98  |
| 040000157189645 | WEST-ET        | WESPE       | MOKO         | Eu, A3     | 00 | DW? | FH2 |      |    | 101 | 95  | 100 | 111 | 93  | 108 | 107 | 103 |
| 276000937398037 | WESTBANK       | WESPE       | SAMURAI      | A1, 10, 16 | 03 |     | FH2 |      |    | 99  | 94  | 113 | 102 | 104 | 107 | 94  | 83  |
| 276000946405399 | WESTLAND *TA   | WILDWEST    | ROUND UP     | 10, 16     | 12 |     |     |      | TP | 139 | 134 | 107 | 114 | 105 | 111 | 105 | 102 |
| 276000937168066 | WESTLIFE       | WESPE       | RANDY        | A1, 10, 16 | 03 |     | FH2 |      |    | 92  | 95  | 89  | 100 | 96  | 112 | 98  | 85  |
| 276000934264145 | WESTPOINT      | WESPE       | EGOL (A)     | 10, 16     | 00 |     | FH2 |      |    | 95  | 91  | 95  | 108 | 102 | 99  | 99  | 103 |
| 276000939533374 | WETAR          | WEINOLD     | RENTAR       | Eu, 27, A5 | 05 |     |     |      | TP | 108 | 107 | 98  | 105 | 97  | 89  | 106 | 99  |
| 276000940624323 | WHISTLER       | WINNIPEG    | SAFIR        | 10, AV, 16 | 06 |     | FH2 |      |    | 106 | 104 | 119 | 92  | 103 | 114 | 92  | 96  |
| 276000940930434 | WIBLO *TA      | WINNIPEG    | ROMEL (A)    | Eu, 27     | 06 |     | FH2 |      |    | 125 | 117 | 108 | 114 | 88  | 107 | 102 | 110 |
| 276000940930439 | WIBOND *TA     | WINNIPEG    | ROMEL (A)    | Eu, 27     | 06 |     | FH2 |      |    | 124 | 113 | 104 | 121 | 95  | 106 | 107 | 105 |
| 276000940653108 | WICHTIG        | WINNIPEG    | WEINOX       | Eu, 6, 3   | 06 |     | FH2 |      |    | 124 | 118 | 104 | 110 | 116 | 114 | 109 | 109 |
| 276000939708698 | WICKEL         | WINNIPEG    | HORB         | Eu, 6, 9   | 06 |     | FH2 |      |    | 122 | 108 | 97  | 130 | 116 | 105 | 99  | 107 |
| 276000940108363 | WICKI          | WINNIPEG    | HODACH       | Eu, A3, A8 | 06 |     | FH2 |      |    | 112 | 103 | 102 | 114 | 104 | 124 | 102 | 95  |
| 276000934899402 | WIELAND        | GS WAX      | HUSALDO      | AV, 10, 16 | 01 |     |     |      | TP | 92  | 85  | 107 | 108 | 93  | 97  | 91  | 112 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name                  | Vater      | MV          | Station    | J. | DW | FH2 | ZDL | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|-----------------------|------------|-------------|------------|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 040000114920609 | <b>WIESEL</b>         | WEINOLD    | RANDY       | Eu, A3     | 05 |    |     |     | TP | 116 | 109 | 119 | 102 | 101 | 105 | 109 | 112 |
| 276000941485222 | <b>WIESING</b>        | WILMAR     | REGIO       | 2, 16      | 07 |    |     |     | TP | 121 | 115 | 117 | 105 | 91  | 113 | 103 | 84  |
| 276000946984694 | <b>WIEWOHL *TA</b>    | WILLE      | SAMUT       | Eu, 6, 9   | 12 | DW |     |     |    | 135 | 124 | 102 | 125 | 110 | 107 | 120 | 108 |
| 276000941171022 | <b>WIFIZ</b>          | WINNIPEG   | MALEFIZ     | Eu, 27     | 06 |    | FH2 |     | TP | 130 | 111 | 101 | 140 | 114 | 116 | 103 | 103 |
| 040000961739519 | <b>WIGWAM</b>         | WILDWEST   | VANSTEIN    | Eu, A3     | 12 |    |     |     | TP | 134 | 124 | 112 | 120 | 110 | 113 | 107 | 102 |
| 276000938844707 | <b>WIKI</b>           | WEINOLD    | REPORT      | 17, 10     | 05 |    |     |     | TP | 107 | 114 | 96  | 90  | 106 | 101 | 109 | 88  |
| 276000940550182 | <b>WIKINGER</b>       | WINNIPEG   | STEGO       | 17, A7     | 06 |    |     |     | TP | 108 | 110 | 88  | 104 | 88  | 112 | 90  | 78  |
| 040000212346514 | <b>WIKO</b>           | WINNIPEG   | RUMBA       | Eu, A3     | 06 |    | FH2 |     |    | 122 | 113 | 102 | 119 | 100 | 116 | 104 | 103 |
| 276000932539016 | <b>WILBO</b>          | WINZER     | RALBO       | 17, A1, 10 | 99 |    |     |     | TP | 82  | 92  | 79  | 94  | 110 | 91  | 78  | 105 |
| 276000947326024 | <b>WILBUR</b>         | WILLE      | VANSTEIN    | 2          | 12 | DW |     |     | TP | 135 | 122 | 107 | 125 | 110 | 104 | 106 | 108 |
| 276000941368199 | <b>WILBY</b>          | WINNIPEG   | ZAX         | 17, A1, A7 | 07 |    | FH2 |     |    | 123 | 113 | 115 | 113 | 103 | 108 | 102 | 95  |
| 276000662924563 | <b>WILDALM</b>        | WINNIPEG   | ZANO        | Eu, 26, 6  | 07 |    | FH2 |     |    | 114 | 103 | 115 | 111 | 125 | 106 | 102 | 107 |
| 276000939207675 | <b>WILDBACH</b>       | WEINOLD    | ROCK        | 10, AV, 2  | 05 |    |     |     | TP | 89  | 92  | 105 | 90  | 86  | 105 | 106 | 66  |
| 276000947070728 | <b>WILDBERG</b>       | WITZBOLD   | WATERBERG   | 10, 16     | 11 |    | FH2 |     |    | 130 | 121 | 109 | 114 | 106 | 98  | 102 | 110 |
| 276000946032470 | <b>WILDCARD</b>       | GS WILHELM | VANSTEIN    | Eu, 6      | 11 |    |     |     | TP | 123 | 119 | 109 | 106 | 92  | 98  | 108 | 111 |
| 276000940564137 | <b>WILDCARD</b>       | WINNIPEG   | PORSCHE     | 10, 16     | 06 |    | FH2 |     |    | 117 | 100 | 110 | 127 | 99  | 116 | 98  | 93  |
| 276000940245525 | <b>WILDERER</b>       | WINNIPEG   | RANDY       | 10         | 06 |    |     |     | TP | 122 | 115 | 112 | 109 | 101 | 107 | 108 | 106 |
| 276000934778385 | <b>WILDFANG</b>       | WINNER     | RALBO       | 10, 16     | 00 |    |     |     | TP | 83  | 83  | 108 | 90  | 100 | 107 | 98  | 90  |
| 276000947298224 | <b>WILDFIRE</b>       | WALDBRAND  | MAL         | 10, 16     | 12 |    | FH2 |     |    | 144 | 131 | 114 | 126 | 106 | 103 | 117 | 107 |
| 276000939597001 | <b>WILDHORN</b>       | WINNIPEG   | ENGADIN *TA | 3          | 06 |    | FH2 |     |    | 124 | 104 | 109 | 133 | 113 | 118 | 110 | 114 |
| 276000946439634 | <b>WILDLING</b>       | WILLE      | GEBALOT     | 16, 10     | 12 | DW |     |     |    | 135 | 127 | 109 | 110 | 105 | 107 | 117 | 104 |
| 276000946822046 | <b>WILDNIS *TA</b>    | WILDWEST   | MARTL-DE    | 3          | 12 |    |     |     | TP | 143 | 129 | 106 | 125 | 105 | 103 | 106 | 116 |
| 276000947020199 | <b>WILDWASSER *TA</b> | WALDHOER   | HUASCARAN   | 10, 16     | 12 |    | FH2 |     |    | 131 | 119 | 102 | 128 | 98  | 93  | 107 | 108 |
| 276000944105026 | <b>WILDWUCHS *T</b>   | WICHTL     | MANDL       | 10, AV, 16 | 09 |    | FH2 |     |    | 131 | 127 | 101 | 111 | 107 | 92  | 119 | 120 |
| 276000946499812 | <b>WILKINSON *TA</b>  | WILLE      | RUREX *TA   | 10, 16     | 12 | DW |     |     |    | 135 | 123 | 107 | 123 | 112 | 99  | 116 | 109 |
| 276000813516428 | <b>WILLE</b>          | WINNIPEG   | HUMLANG     | Eu, A3, A8 | 06 | DW |     |     |    | 138 | 129 | 101 | 119 | 112 | 102 | 118 | 111 |
| 276000939515939 | <b>WILLIAM</b>        | WINNIPEG   | LOWEIN      | 10, 16     | 06 |    |     |     | TP | 122 | 111 | 122 | 109 | 113 | 116 | 101 | 105 |
| 276000946767718 | <b>WILLKUER *TA</b>   | WILLE      | WEINOLD     | Eu, 6      | 12 | DW |     |     |    | 136 | 128 | 107 | 116 | 115 | 97  | 119 | 117 |
| 276000941473797 | <b>WILMUT</b>         | WILMAR     | SAMUT       | 16, 10     | 07 |    |     |     | TP | 107 | 108 | 91  | 106 | 92  | 88  | 105 | 82  |
| 276000939505582 | <b>WIMBLEDON</b>      | WINNIPEG   | ROCHEN      | 10, 16     | 06 |    | FH2 |     |    | 119 | 107 | 103 | 119 | 102 | 100 | 93  | 99  |
| 040000243429619 | <b>WIMM *TA</b>       | WALDBRAND  | GS RUMGO    | Eu, 6      | 12 |    | FH2 |     |    | 140 | 130 | 110 | 122 | 119 | 107 | 123 | 103 |
| 276000940653103 | <b>WIMPEL</b>         | WINNIPEG   | WEINOX      | 2          | 06 |    | FH2 |     |    | 106 | 104 | 97  | 104 | 103 | 102 | 102 | 95  |
| 276000932375653 | <b>WINALF</b>         | WINZER     | GS MALF     | Eu, 6      | 98 |    | FH2 |     |    | 90  | 92  | 87  | 104 | 92  | 97  | 94  | 103 |
| 276000662924543 | <b>WINCHESTER</b>     | WICHTL     | REGIO       | 10         | 06 |    |     |     | TP | 110 | 106 | 102 | 108 | 104 | 97  | 111 | 120 |
| 276000940121372 | <b>WINDBERG *TA</b>   | WINNIPEG   | REGIO       | 2          | 06 |    | FH2 |     |    | 118 | 113 | 106 | 109 | 109 | 92  | 98  | 112 |
| 276000940277190 | <b>WINDECK</b>        | WINNIPEG   | RANDY       | 2          | 06 |    | FH2 |     |    | 130 | 117 | 97  | 132 | 87  | 105 | 115 | 108 |
| 276000940245515 | <b>WINDHAUCH</b>      | WAL        | RANDY       | A1, A7, 10 | 06 |    |     |     | TP | 104 | 96  | 106 | 111 | 103 | 121 | 110 | 96  |
| 276000945911210 | <b>WINDHUND *TA</b>   | WIGGAL     | MALFIR      | 17         | 11 |    |     | ZDL |    | 124 | 123 | 109 | 104 | 101 | 103 | 105 | 113 |
| 276000940680339 | <b>WINDKRAFT</b>      | WINNIPEG   | HAGTOR      | 10, 16     | 06 |    | FH2 |     |    | 124 | 113 | 120 | 115 | 96  | 113 | 97  | 91  |
| 276000940324990 | <b>WINDMILL</b>       | WINNIPEG   | MORROR      | 2          | 06 |    | FH2 |     |    | 116 | 103 | 95  | 128 | 96  | 118 | 102 | 98  |
| 276000939583441 | <b>WINDSOR</b>        | WINNIPEG   | RADON       | 16, 10     | 06 |    | FH2 |     |    | 109 | 109 | 91  | 107 | 95  | 120 | 93  | 99  |
| 040000220182919 | <b>WINDSTROM</b>      | WITZBOLD   | VANSTEIN    | Eu, A3     | 11 |    |     |     | TP | 139 | 124 | 121 | 122 | 113 | 105 | 99  | 113 |
| 276000940481798 | <b>WINGOLF</b>        | WINNIPEG   | RANDY       | 3, 6       | 06 |    | FH2 |     |    | 132 | 112 | 123 | 126 | 109 | 109 | 97  | 101 |
| 276000940757312 | <b>WINITWO</b>        | WINNIPEG   | HIPPO       | 10, 16     | 06 |    | FH2 |     |    | 117 | 106 | 102 | 123 | 107 | 122 | 106 | 112 |
| 276000813353234 | <b>WINNDY</b>         | WINNIPEG   | RANDY       | Eu, 27     | 06 |    | FH2 |     |    | 118 | 111 | 109 | 110 | 96  | 114 | 106 | 103 |
| 276000939533357 | <b>WINNETOU</b>       | WEBAL      | UTNACH      | 10, A1, A7 | 05 |    |     |     | TP | 105 | 107 | 100 | 94  | 95  | 91  | 100 | 110 |
| 276000934492505 | <b>WINNIPEG</b>       | WESPE      | ROMEN       | 10, AV, 16 | 00 |    | FH2 |     |    | 140 | 123 | 113 | 128 | 108 | 118 | 100 | 99  |
| 276000813516426 | <b>WINNLANG</b>       | WINNIPEG   | HUMLANG     | Eu, 27     | 06 |    | FH2 |     |    | 120 | 112 | 99  | 119 | 104 | 111 | 107 | 105 |
| 276000813074651 | <b>WINNOR</b>         | WINNIPEG   | STROMOR     | Eu, 27     | 06 |    | FH2 |     | TP | 139 | 130 | 106 | 117 | 108 | 94  | 98  | 87  |
| 276000940375455 | <b>WINNRAD *TA</b>    | WINNIPEG   | RUMBA       | 16, 10     | 06 |    | FH2 |     |    | 124 | 117 | 102 | 118 | 106 | 118 | 101 | 93  |
| 276000813074652 | <b>WINNSTRO</b>       | WINNIPEG   | STROMOR     | Eu, 27, A5 | 06 |    | FH2 |     | TP | 116 | 108 | 100 | 117 | 101 | 98  | 105 | 102 |
| 276000940324999 | <b>WINOB</b>          | WINNIPEG   | STRAMIN     | 3          | 06 |    | FH2 |     |    | 114 | 110 | 86  | 119 | 108 | 115 | 107 | 85  |
| 276000940897610 | <b>WINRAL</b>         | WINNIPEG   | RALPON      | 16, 10     | 06 |    | FH2 |     |    | 128 | 119 | 106 | 120 | 99  | 105 | 113 | 100 |
| 276000940181755 | <b>WINSIC</b>         | WINNIPEG   | ROGEN       | Eu, 9, 6   | 06 |    | FH2 |     |    | 130 | 120 | 121 | 109 | 111 | 109 | 101 | 109 |
| 276000941353435 | <b>WINSLER</b>        | WINNIPEG   | RUAP        | 16, AV, 10 | 06 |    | FH2 |     |    | 131 | 110 | 128 | 123 | 110 | 124 | 105 | 116 |
| 276000940484852 | <b>WINTER</b>         | WINNIPEG   | MORROR      | 3          | 06 |    | FH2 |     |    | 113 | 99  | 107 | 118 | 121 | 119 | 107 | 90  |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name          | Vater      | MV           | Station    | J. | DW | FH2 | ZDL | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|---------------|------------|--------------|------------|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000940064898 | WINTERLING    | WINNIPEG   | RUAP         | 16, 10     | 06 |    | FH2 |     |    | 125 | 113 | 104 | 124 | 106 | 114 | 103 | 104 |
| 276000940490579 | WINTERSEE     | WINNIPEG   | HONSAM       | 10, 16     | 06 |    | FH2 |     |    | 112 | 103 | 100 | 115 | 86  | 110 | 98  | 91  |
| 276000939357488 | WINTERSTEI    | WEINOLD    | RALBIT       | 2          | 05 |    |     |     | TP | 117 | 116 | 106 | 101 | 110 | 102 | 108 | 92  |
| 276000940653124 | WINWIN        | WINNIPEG   | WEINOX       | 3, 6       | 06 |    | FH2 |     |    | 118 | 108 | 100 | 120 | 116 | 110 | 99  | 106 |
| 276000932710444 | WINZLING      | WINZER     | GS MALF      | 17, A1, A7 | 98 |    | FH2 |     |    | 94  | 88  | 102 | 109 | 99  | 115 | 110 | 104 |
| 276000940930419 | WIO           | WINNIPEG   | REGIO        | Eu, 27     | 06 |    | FH2 |     | TP | 132 | 119 | 112 | 122 | 95  | 115 | 105 | 111 |
| 276000932574094 | WIPPER        | WINZER     | MOBART       | 3          | 99 |    | FH2 |     |    | 78  | 82  | 103 | 88  | 95  | 113 | 94  | 89  |
| 276000932501785 | WIREF         | WINZER     | REPORT       | 27         | 99 |    |     |     | TP | 83  | 82  | 95  | 104 | 95  | 92  | 104 | 106 |
| 276000932294101 | WIRI          | WINZER     | REPORT       | Eu, 9, 3   | 98 |    |     |     | TP | 84  | 87  | 105 | 87  | 87  | 98  | 95  | 98  |
| 276000940185061 | WIRT          | WINNIPEG   | BOSS         | 3          | 06 |    |     |     | TP | 105 | 110 | 81  | 104 | 103 | 94  | 103 | 86  |
| 276000940472486 | WISPER        | WINNIPEG   | ROMEL (A)    | 2          | 06 |    | FH2 |     |    | 111 | 108 | 96  | 110 | 106 | 108 | 95  | 92  |
| 276000947303667 | WITAM PS *TA  | WITZBOLD   | INDIGO       | 3          | 12 |    | FH2 |     |    | 143 | 128 | 124 | 120 | 99  | 89  | 103 | 106 |
| 276000933065134 | WITZ          | WESPE      | ZEUKAR       | 10, 16     | 00 |    | FH2 |     |    | 82  | 81  | 99  | 101 | 106 | 108 | 90  | 97  |
| 276000940930385 | WITZBOLD      | WINNIPEG   | MANDL        | 10, A7, AV | 06 |    | FH2 |     |    | 130 | 115 | 125 | 117 | 107 | 102 | 92  | 108 |
| 276000947322588 | WITZELEI *TA  | WITZBOLD   | MANDELA      | Eu, 6      | 12 |    | FH2 |     |    | 136 | 125 | 119 | 116 | 111 | 108 | 107 | 109 |
| 276000946510652 | WITZFREUDE *T | WITZBOLD   | GS RAU       | Eu, 6, 9   | 11 |    | FH2 |     |    | 131 | 118 | 113 | 124 | 101 | 104 | 103 | 110 |
| 276000946440294 | WITZLER *TA   | WITZBOLD   | WATERBERG    | 16, 10     | 11 |    | FH2 |     |    | 135 | 123 | 123 | 115 | 105 | 94  | 101 | 107 |
| 276000947331581 | WOK *TA       | WILLE      | NARR *TA     | 17         | 12 | DW |     |     |    | 136 | 127 | 99  | 126 | 96  | 107 | 109 | 110 |
| 276000934697998 | WOLFSBLUT     | WESPE      | REXON (A)    | 10, 16     | 01 |    | FH2 |     |    | 99  | 90  | 102 | 116 | 100 | 117 | 112 | 88  |
| 276000946499814 | WOLFSOHN *TA  | WALDBRAND  | MARINO       | 10, 16     | 12 |    | FH2 |     |    | 138 | 129 | 108 | 121 | 111 | 101 | 109 | 101 |
| 276000918197926 | WOLKENTANZ    | WINNIPEG   | RANDY        | 10, AV     | 06 |    |     |     | TP | 112 | 110 | 104 | 103 | 113 | 108 | 88  | 112 |
| 276000812828559 | WOMEN         | WEINOLD    | ROMEN        | 27         | 05 |    |     |     | TP | 100 | 97  | 104 | 104 | 95  | 98  | 101 | 99  |
| 276000813589294 | WOMOR         | WINNIPEG   | STROMOR      | Eu, 27, 3  | 06 |    | FH2 |     | TP | 113 | 111 | 100 | 105 | 101 | 96  | 98  | 89  |
| 276000945958604 | WOODROW *TA   | WONDERFULL | GEBALOT      | Eu, 6, 9   | 11 |    |     |     | TP | 127 | 121 | 107 | 115 | 85  | 106 | 111 | 100 |
| 276000933268321 | WOODSTOCK     | WESPE      | ARUS         | 10, 16     | 99 |    | FH2 |     |    | 107 | 87  | 99  | 136 | 93  | 120 | 109 | 107 |
| 276000941361755 | WOODY         | WINNIPEG   | REGIO        | 2          | 07 |    | FH2 |     | TP | 124 | 103 | 119 | 131 | 114 | 121 | 104 | 116 |
| 276000945393629 | WORMS *TA     | WIGGAL     | HIRLO        | 10, 16     | 11 |    |     | ZDL |    | 129 | 125 | 118 | 103 | 96  | 100 | 100 | 104 |
| 276000940787526 | WOYLACH       | WINNIPEG   | ROCK         | 10, AV, 16 | 06 |    | FH2 |     | TP | 124 | 105 | 109 | 133 | 104 | 124 | 107 | 95  |
| 276000940108339 | WURLITZER     | WAL        | ROGEN        | A1, A7, 17 | 05 |    | FH2 |     |    | 116 | 111 | 101 | 112 | 93  | 105 | 105 | 100 |
| 276000945501281 | WUTACH *TA    | WALDBRAND  | HUTMANN      | 10, 16     | 10 |    | FH2 |     | TP | 122 | 122 | 107 | 96  | 107 | 96  | 97  | 102 |
| 276000946478666 | WUTBUERGER    | WALDBRAND  | SHOOT PS *TA | 10, 16     | 12 |    | FH2 |     |    | 115 | 107 | 94  | 123 | 104 | 101 | 114 | 113 |
| 040000198142814 | ZACK          | ZAHNER     | RANDY        | Eu, A3     | 06 |    |     |     | TP | 104 | 103 | 98  | 102 | 100 | 92  | 93  | 100 |
| 276000940825828 | ZACKZACK      | ZAHNER     | RALBIT       | Eu, 6, A8  | 06 |    |     |     | TP | 110 | 101 | 99  | 118 | 103 | 107 | 100 | 84  |
| 276000918836069 | ZAHLER        | ZAX        | HALF         | 10, 17     | 94 |    | FH2 |     |    | 82  | 79  | 101 | 102 | 94  | 104 | 99  | 102 |
| 276000933590279 | ZAHLLO        | ZAHLER     | RALBO        | 10         | 01 |    | FH2 |     |    | 94  | 92  | 95  | 105 | 98  | 100 | 98  | 99  |
| 276000940669257 | ZAHLREICH     | ZAHNER     | RANDY        | Eu, 6, 3   | 06 |    |     |     | TP | 99  | 95  | 88  | 116 | 113 | 107 | 110 | 110 |
| 276000940832406 | ZAHN *TA      | ZAHNER     | RANDY        | Eu, 6, A3  | 06 |    |     |     | TP | 112 | 110 | 93  | 113 | 98  | 90  | 105 | 111 |
| 040000130776945 | ZALF          | ZASTER     | GS MALF      | A1, A3, A5 | 01 |    | FH2 |     |    | 90  | 108 | 103 | 63  | 109 | 101 | 104 | 80  |
| 040000581307611 | ZAMMEL        | ZAR        | STREITL      | A1, 10, 17 | 98 |    |     | ZDL |    | 68  | 78  | 98  | 80  | 81  | 116 | 91  | 86  |
| 040000781819709 | ZAMPANO       | ZAHNER     | RANDY        | Eu, A3, A5 | 07 |    |     |     | TP | 117 | 114 | 100 | 111 | 96  | 107 | 100 | 94  |
| 276000534938155 | ZANZIBAR *TA  | ZAHNER     | HUXER        | Eu, 6      | 07 |    | FH2 |     | TP | 119 | 107 | 103 | 125 | 93  | 111 | 105 | 100 |
| 276000813399381 | ZARA          | ZAHNER     | RANDY        | Eu, 27     | 06 |    |     |     | TP | 109 | 108 | 98  | 105 | 92  | 100 | 99  | 96  |
| 276000933781515 | ZARAL         | ZASTER     | RALBIT       | Eu, 6      | 00 |    |     |     | TP | 103 | 109 | 97  | 93  | 97  | 100 | 119 | 95  |
| 276000941344227 | ZARAN         | ZAHNER     | RANDY        | Eu, 27     | 06 |    |     |     | TP | 113 | 107 | 93  | 121 | 93  | 105 | 108 | 105 |
| 276000660151794 | ZAREIF        | ZAX        | RENNER       | 2, 27      | 96 |    |     |     | TP | 87  | 85  | 97  | 101 | 92  | 97  | 97  | 90  |
| 276000941485220 | ZARENHOF      | ZAHNER     | ENGADIN *TA  | 10, AV, 16 | 07 |    | FH2 |     |    | 103 | 96  | 99  | 113 | 93  | 126 | 103 | 99  |
| 276000933785146 | ZAREP         | ZASTER     | REPORT       | 2          | 00 |    |     |     | TP | 78  | 90  | 91  | 79  | 110 | 111 | 113 | 97  |
| 276000942210092 | ZARIS         | ZAHNER     | RANDY        | 10, A1     | 07 |    |     |     | TP | 98  | 99  | 97  | 103 | 83  | 96  | 94  | 109 |
| 276000946950702 | ZARIUS        | ZAUBER     | MANDELA      | 3          | 12 |    |     |     | TP | 135 | 124 | 109 | 122 | 98  | 99  | 111 | 112 |
| 276000933102311 | ZARRA         | ZASTER     | RALBO        | Eu, 9      | 00 |    | FH2 |     |    | 98  | 103 | 109 | 86  | 106 | 113 | 99  | 82  |
| 276000941622941 | ZASBERG       | ZASPORT    | WATERBERG    | 17, A7     | 07 |    |     |     | TP | 118 | 109 | 92  | 123 | 85  | 103 | 117 | 122 |
| 276000934104252 | ZASTERCO      | ZASTER     | PLACO        | 10         | 00 |    | FH2 |     |    | 80  | 83  | 108 | 86  | 97  | 108 | 105 | 100 |
| 276000934024822 | ZASTI         | ZASTER     | MOBART       | 17, A1, 10 | 00 |    | FH2 |     |    | 86  | 97  | 102 | 77  | 93  | 111 | 104 | 86  |
| 276000934778226 | ZASTRAL       | ZASTER     | RALBO        | A1, 10, 17 | 00 |    |     |     | TP | 85  | 95  | 98  | 82  | 107 | 97  | 113 | 87  |
| 276000940466619 | ZAXON *TA     | ZAHNER     | RANDY        | Eu, 27     | 06 |    |     |     | TP | 123 | 122 | 90  | 114 | 87  | 90  | 102 | 113 |
| 276000941549390 | ZEITGEIST     | ZEITLOS    | DIMSAL       | 10         | 07 |    |     |     | TP | 91  | 96  | 88  | 97  | 97  | 105 | 102 | 103 |

DW=Zwergwuchs, FH2=Minderwuchs, ZDL=Zinkdefizienz-ähn. Syndrom, TP=Thrombopathie (Bluter), r=reinerbig, ?=Status unklar,

ACHTUNG: Haplotypentest ist nicht zu 100% sicher, Änderungen sind daher möglich!

| Nummer          | Name               | Vater        | MV        | Station    | J. | DW        | FH2        | ZDL         | TP | GZW | MW  | FW  | FIT | R   | B   | F   | E   |
|-----------------|--------------------|--------------|-----------|------------|----|-----------|------------|-------------|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 276000933651613 | <b>ZEITLER</b>     | ZEIT         | RALBO     | 10         | 00 |           |            |             | TP | 91  | 87  | 115 | 95  | 93  | 103 | 87  | 105 |
| 276000941649315 | <b>ZEITLICH</b>    | ZEITLOS      | ROMLET    | Eu, 6      | 07 |           | <b>FH2</b> |             |    | 89  | 95  | 96  | 91  | 108 | 112 | 100 | 97  |
| 276000935123846 | <b>ZEITUS</b>      | ZEIT         | ZEUS      | 10         | 00 |           | <b>FH2</b> |             |    | 99  | 97  | 109 | 98  | 96  | 124 | 92  | 101 |
| 276000938819672 | <b>ZERBE</b>       | ZADAR        | RANDY     | 10, 16     | 04 |           | <b>FH2</b> |             |    | 91  | 97  | 87  | 95  | 96  | 104 | 98  | 81  |
| 276000808400942 | <b>ZEUNOTUS</b>    | ZEUNO        | LOTUS     | Eu, 27     | 95 |           |            | <b>ZDL?</b> |    | 93  | 93  | 102 | 97  | 93  | 107 | 103 | 90  |
| 276000934024832 | <b>ZI</b>          | ZASTER       | HORST     | 10, 16     | 00 |           | <b>FH2</b> |             |    | 71  | 86  | 94  | 69  | 96  | 119 | 112 | 98  |
| 276000941322560 | <b>ZICKO</b>       | ZAHNER       | REGIO     | 17, A1     | 07 |           |            |             | TP | 107 | 100 | 116 | 106 | 96  | 99  | 101 | 93  |
| 276000940847805 | <b>ZIPO</b>        | ZAHNER       | HIPPO     | Eu, 9, 6   | 06 |           | <b>FH2</b> |             |    | 104 | 108 | 110 | 89  | 102 | 118 | 99  | 95  |
| 276000941093148 | <b>ZIRKUS</b>      | ZASPORT      | RANDY     | Eu, A3, A5 | 06 |           |            |             | TP | 118 | 110 | 109 | 112 | 87  | 114 | 91  | 101 |
| 276000931086895 | <b>ZONN</b>        | ZAR          | RALBO     | Eu, 6      | 98 |           |            |             | TP | 82  | 84  | 86  | 101 | 113 | 106 | 88  | 96  |
| 040000858980918 | <b>ZOTTER *TA</b>  | ZOTT (A)     | WINNIPEG  | Eu, A3     | 11 |           | <b>FH2</b> |             |    | 124 | 113 | 113 | 109 | 95  | 105 | 102 | 108 |
| 276000941608185 | <b>ZUCCERO</b>     | ZAHNER       | STROM     | 17         | 07 |           |            |             | TP | 110 | 103 | 101 | 116 | 98  | 100 | 105 | 107 |
| 040000706443214 | <b>ZUKUNFT</b>     | ZEITLOS      | WATERBERG | Eu, A3, A8 | 07 | <b>DW</b> |            |             |    | 97  | 101 | 94  | 95  | 108 | 102 | 104 | 87  |
| 276000947594147 | <b>ZWEIKLANG</b>   | ZAUBER       | GS RUMGO  | 10, 16     | 12 |           |            |             | TP | 135 | 124 | 104 | 127 | 98  | 91  | 105 | 108 |
| 276000944459202 | <b>ZWINGLER Pp</b> | ZWIRBEL PS   | WINNIPEG  | Eu, 6      | 09 |           | <b>FH2</b> |             |    | 111 | 103 | 114 | 105 | 105 | 109 | 105 | 113 |
| 276000941191275 | <b>ZWIRBEL PS</b>  | ZWINGROM Pp  | RENGER    | Eu, 6      | 06 |           |            |             | TP | 82  | 76  | 107 | 103 | 97  | 116 | 90  | 112 |
| 276000947476273 | <b>ZYGOTA</b>      | ZAPFHAHN *TA | VANSTEIN  | 6          | 12 |           |            |             | TP | 134 | 122 | 113 | 119 | 106 | 96  | 107 | 111 |
| 276000934697979 | <b>ZYNIKER</b>     | ZEIT         | PROMO     | 10, 16     | 00 |           |            |             | TP | 80  | 88  | 97  | 86  | 101 | 101 | 96  | 85  |
| 276000941622942 | <b>ZYRUS</b>       | ZASPORT      | WATERBERG | 10, A7     | 07 |           |            |             | TP | 111 | 100 | 106 | 113 | 80  | 105 | 123 | 112 |