

Of TRD litters screened with microsatelli loci, 8 litters had three or more **paternal alleles** (multiple-sire litter; genotypes are base pairs). Boldfaced adjacent columns in the same row (e.g., 962m34g locus 18.60 (D18Mit60) denote an inability to distinguish which is the paternal allele because the dam and sire share one allele.

Litter	Locus	Genotype (bp)	
96cm11mom	18.060	189	207
96cm11g	18.060	205	207
96cm11f	18.060	193	207
96cm11e	18.060	189	205
96cm11d	18.060	189	189
96cm11c	18.060	189	207
96cm11mom	13.015	117	129
96cm11g	13.015	129	145
96cm11f	13.015	129	133
96cm11e	13.015	117	125
96cm11d	13.015	129	145
96cm11c	13.015	117	145
96cm11b	13.015	129	145
96cm11a	13.015	129	137
962m34mom	18.060	207	207
962m34g	18.060	207	207
962m34e	18.060	197	207
962m34d	18.060	191	207
962m34c	18.060	197	207
962m34a	18.060	207	211
962m34mom	13.015	129	133
962m34g	13.015	129	133
962m34f	13.015	129	133
962m34e	13.015	129	133
962m34d	13.015	129	147
962m34c	13.015	127	129
962m34b	13.015	127	133
962m34a	13.015	129	133
962m34mom	10.015	117	165
962m34g	10.015	161	165
962m34f	10.015	161	165
962m34e	10.015	117	161
962m34d	10.015	117	165
962m34c	10.015	117	161
962m34b	10.015	117	121
962m34a	10.015	117	165

Appendix 2

Litter	Locus	Genotype (bp)	
95wo53mom	13.015	133	133
95wo53f	13.015	133	143
95wo53e	13.015	123	133
95wo53d	13.015	133	143
95wo53c	13.015	133	133
95wo53b	13.015	123	133
95wo53a	13.015	123	133
95wo13mom	6.138	136	138
95wo13l	6.138	130	136
95wo13k	6.138	136	138
95wo13j	6.138	136	138
95wo13i	6.138	130	138
95wo13d	6.138	124	136
95wo13c	6.138	136	136
95wo13mom	2.285	149	149
95wo13m	2.285	149	163
95wo13l	2.285	139	149
95wo13k	2.285	139	149
95wo13j	2.285	139	149
95wo13i	2.285	139	149
95wo13h	2.285	149	163
95wo13g	2.285	149	163
95wo13f	2.285	149	163
95wo13e	2.285	139	149
95wo13d	2.285	149	149
95wo13c	2.285	139	149
95wo13b	2.285	149	149
95wo13a	2.285	139	149
95wo13mom	2.030	147	147
95wo13m	2.030	147	153
95wo13l	2.030	137	147
95wo13k	2.030	137	147
95wo13j	2.030	147	153
95wo13i	2.030	147	153
95wo13h	2.030	137	147
95wo13g	2.030	133	147
95wo13f	2.030	137	147
95wo13e	2.030	137	147
95wo13d	2.030	137	147
95wo13c	2.030	147	153
95wo13b	2.030	147	147
95wo13a	2.030	137	147

Appendix 2

Litter	Locus	Genotype (bp)	
95sl43mom	10.015	157	163
95sl43f	10.015	157	163
95sl43e	10.015	149	163
95sl43c	10.015	149	163
95sl43b	10.015	149	157
95sl43a	10.015	153	157
95sl29mom	18.060	195	217
95sl29h	18.060	217	217
95sl29f	18.060	197	217
95sl29e	18.060	217	217
95sl29c	18.060	195	217
95sl29b	18.060	193	217
95sl29a	18.060	195	217
952m17mom	13.015	129	147
952m17h	13.015	147	147
952m17g	13.015	129	147
952m17f	13.015	147	147
952m17e	13.015	129	147
952m17d	13.015	125	129
952m17c	13.015	147	147
952m17b	13.015	129	129
952m17a	13.015	125	129
952m17mom	10.020	165	211
952m17h	10.020	211	215
952m17g	10.020	207	211
952m17f	10.020	165	215
952m17e	10.020	165	215
952m17d	10.020	203	211
952m17c	10.020	165	165
952m17b	10.020	211	211
952m17a	10.020	211	211
952m17mom	10.015	117	165
952m17h	10.015	165	169
952m17g	10.015	161	165
952m17f	10.015	117	169
952m17e	10.015	117	169
952m17d	10.015	157	165
952m17c	10.015	117	117
952m17b	10.015	157	165
952m17a	10.015	157	165

Appendix 2

Litter	Locus	Genotype (bp)	
952m17mom	2.030	127	131
952m17h	2.030	121	127
952m17g	2.030	127	131
952m17f	2.030	121	127
952m17e	2.030	127	157
952m17d	2.030	131	135
952m17c	2.030	121	127
952m17b	2.030	127	135
952m17a	2.030	127	135
892m186mom	13.015	117	145
892m186g	13.015	117	145
892m186f	13.015	133	145
892m186e	13.015	117	145
892m186d	13.015	133	145
892m186c	13.015	145	145
892m186b	13.015	117	145
892m186a	13.015	129	145
892m186mom	10.020	207	207
892m186g	10.020	163	207
892m186f	10.020	203	207
892m186e	10.020	207	211
892m186d	10.020	163	207
892m186c	10.020	203	207
892m186b	10.020	207	207
892m186a	10.020	207	211
892m186mom	10.015	161	161
892m186f	10.015	157	161
892m186e	10.015	161	165
892m186d	10.015	117	161
892m186c	10.015	157	161
892m186b	10.015	161	161
892m186a	10.015	161	165
892m186mom	2.285	137	141
892m186g	2.285	137	147
892m186f	2.285	137	137
892m186e	2.285	141	147
892m186d	2.285	137	147
892m186c	2.285	137	137
892m186b	2.285	137	147
892m186a	2.285	137	153

Appendix 2

Litter	Locus	Genotype (bp)	
892m186mom	2.030	127	157
892m186g	2.030	157	157
892m186f	2.030	123	157
892m186e	2.030	127	127
892m186d	2.030	157	157
892m186c	2.030	123	157
892m186b	2.030	127	157
892m186a	2.030	127	157