

## Appendix 1

t complex genotypes of 39 ++ dams with $\geq 1$ t/+ fetus						
	ln(17)2			ln(17)4		
Litter	119	Tcp1	40	Hba	TSE	89
96wo1mom		+/+				
96wo1f				t/+		
96wo1e		+/+		t/+		
96wo1d		t/+		t/+		
96wo1c		t/+		t/+		
96wo1b				t/+		
96wo1a		t/+		t/+		
96wo17mom		+/+		+/+		
96wo17e		+/+		+/+		
96wo17d		t/+		+/+		
96wo17c		+/+		t/+		
96wo17b		+/+		+/+		
96wo17a		+/+		+/+		
96cm8mom		+/+		+/+		
96cm8e		+/+		t/+		
96cm8d		+/+		t/+		
96cm8c		t/+		t/+		
96cm8b		t/+		t/+		
96cm8a		+/+		t/+		
96cm13mom		+/+		+/+		
96cm13d		+/+		+/+		
96cm13c		+/+		t/+		
96cm13b		+/+		t/+		
96cm13a		t/+		t/+		
96cm11mom		+/+		+/+		
96cm11g		+/+		+/+		
96cm11f		+/+		t/+		
96cm11e		+/+		+/+		
96cm11d		+/+		+/+		
96cm11c		+/+		+/+		
96cm11b		+/+		+/+		
96cm11a				t/+		
962m81mom		+/+				
962m81e		+/+		t/+		
962m81d		+/+		t/+		
962m81c		+/+		+/+		
962m81b		+/+		+/+		
962m81a		+/+		t/+		

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	In(17)2			In(17)4		
Litter	119	Tcp1	40	Hba	TSE	89
962m79mom		+/+		+/+		
962m79c		t/+		t/+		
962m79b		+/+		+/+		
962m79a		+/+				
962m73mom				+/+		
962m73b		t/+		+/+		
962m73a		+/+		+/+		
962m6mom		+/+		+/+		
962m6f		t/+		t/+		
962m6e		t/+		t/+		
962m6d		+/+		+/+		
962m6c		+/+		t/+		
962m6b		t/+		t/+		
962m6a		t/+		t/+		
962m58mom		+/+		+/+		
962m58i		t/+		t/+		
962m58h		t/+		t/+		
962m58g		t/+		t/+		
962m58f		t/+		t/+		
962m58e		+/+		t/+		
962m58d		t/+		t/+		
962m58c		t/+		t/+		
962m58b		+/+		t/+		
962m58a		t/+		t/+		
962m34mom		+/+		+/+		
962m34g		+/+		+/+		
962m34f		+/+		t/+		
962m34e		+/+		+/+		
962m34d		+/+		+/+		
962m34c		+/+		+/+		
962m34b		+/+		+/+		
962m34a		+/+		+/+		
962m2mom		+/+		+/+		
962m2i				t/+		
962m2h		+/+		t/+		
962m2g		+/+		t/+		
962m2f		t/+		t/+		
962m2e		+/+		t/+		
962m2d		t/+		t/+		
962m2c		+/+		t/+		
962m2b		+/+		+/+		
962m2a		t/+		+/+		

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	In(17)2			In(17)4		
Litter	119	Tcp1	40	Hba	TSE	89
962m13mom				+/+		
962m13a		t/+		t/+		
95wo53mom		+/+		+/+		
95wo53f		+/+		+/+		
95wo53e		+/+		+/+		
95wo53d		+/+		+/+		
95wo53c		t/+		t/+		
95wo53b		+/+		+/+		
95wo53a		+/+		+/+		
95wo4mom		+/+		+/+		
95wo4e		t/+		t/+		
95wo4d		+/+		+/+		
95wo4c		+/+		+/+		
95wo4b		+/+		+/+		
95wo4a		+/+		+/+		
95wo13mom		+/+		+/+		
95wo13m		+/+		+/+		
95wo13l		+/+		+/+		
95wo13k		+/+		+/+		
95wo13j		+/+		+/+		
95wo13i		+/+		t/+		
95wo13h		+/+		+/+		
95wo13g		+/+		+/+		
95wo13f		+/+		+/+		
95wo13e		+/+		t/+		
95wo13d		+/+		+/+		
95wo13c		+/+		+/+		
95wo13b		+/+		t/+		
95wo13a		+/+		+/+		
95we7mom		+/+		+/+		
95we7e		+/+		t/+		
95we7d		+/+		t/+		
95we7c		t/+		+/+		
95we7b		t/+		t/+		
95we7a		t/+		t/+		
95sl44mom				+/+		
95sl44g				+/+		
95sl44f				+/+		
95sl44b				+/+		
95sl44a		t/+		+/+		

## Appendix 1

	In(17)2			In(17)4		
Litter	119	Tcp1	40	Hba	TSE	89
95sl43mom				+/+		
95sl43g				+/+		
95sl43f				+/+		
95sl43e				+/+		
95sl43d				+/+		
95sl43c				+/+		
95sl43b		t/+		+/+		
95sl43a				+/+		
95sl29mom		+/+		+/+		
95sl29h		+/+		+/+		
95sl29g				+/+		
95sl29f				+/+		
95sl29e		t/+		+/+		
95sl29d		t/+		+/+		
95sl29c				+/+		
95sl29b				+/+		
95sl29a				+/+		
95ny18mom		+/+		+/+		
95ny18f		t/+		t/+		
95ny18e				t/+		
95ny18d		t/+		t/+		
95ny18c				t/+		
95ny18b				t/+		
95ny18a		t/+		t/+		
95mi8mom		+/+		+/+		
95mi8g		t/+		t/+		
95mi8f		t/+		t/+		
95mi8e		t/+		t/+		
95mi8d		t/+		t/+		
95mi8c		t/+		t/+		
95mi8b		t/+		t/+		
95mi8a		t/+		t/+		
95he4mom		+/+		+/+		
95he4f		+/+		+/+		
95he4e		+/+		+/+		
95he4d		t/+		t/+		
95he4c		+/+				
95he4b		+/+		t/+		
95he4a		+/+		t/+		

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	In(17)2			In(17)4		
Litter	119	Tcp1	40	Hba	TSE	89
95cm56mom		+/+		+/+		
95cm56h		+/+		t/+		
95cm56g		+/+		t/+		
95cm56f		+/+		t/+		
95cm56e		t/+		t/+		
95cm56d		+/+				
95cm56c		+/+		+/+		
95cm56b		t/+		t/+		
95cm56a				t/+		
95cm48mom		+/+		+/+		
95cm48i		+/+		t/+		
95cm48h		t/+		t/+		
95cm48g		+/+		t/+		
95cm48f		+/+		t/+		
95cm48e				t/+		
95cm48d		t/+		t/+		
95cm48c		t/+		t/+		
95cm48b		t/+		t/+		
95cm48a		+/+		t/+		
952m99mom		+/+		+/+		
952m99h				+/+		
952m99g		+/+		+/+		
952m99f		+/+		+/+		
952m99e		+/+		+/+		
952m99d		+/+		+/+		
952m99c		t/+		+/+		
952m99b		+/+		+/+		
952m99a		+/+		+/+		
952m33mom		+/+		+/+		
952m33d		+/+		+/+		
952m33c		+/+		+/+		
952m33b		t/+		t/+		
952m33a		+/+		+/+		
952m17mom		+/+		+/+		
952m17h		t/+		t/+		
952m17g		+/+		+/+		
952m17f		+/+		+/+		
952m17e		+/+		+/+		
952m17d		+/+		+/+		
952m17c		+/+		+/+		
952m17b		+/+		+/+		
952m17a		+/+		+/+		

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	In(17)2			In(17)4		
Litter	119	Tcp1	40	Hba	TSE	89
89ut59mom		+/+	+/+	+/+	+/+	+/+
89ut59f		+/+	+/+	+/+	+/+	+/+
89ut59e		+/+	+/+	+/+	t/+	+/+
89ut59d		+/+		+/+	t/+	+/+
89ut59c		+/+		+/+	+/+	+/+
89ut59b		+/+	+/+	+/+	+/+	+/+
89ut59a		+/+		+/+		
89sn1005mom		+/+		+/+		
89sn1005f		+/+		+/+		
89sn1005e		+/+		+/+		
89sn1005d		+/+		+/+		
89sn1005c		+/+		+/+		
89sn1005b		t/+		+/+		
89sn1005a		+/+		+/+		
89sj40mom	+/+	+/+	+/+	+/+		+/+
89sj40e		t/+		t/+		
89sj40d				t/+		
89sj40c		t/+		t/+		
89sj40b		t/+				
89sj40a		t/+		t/+		
89rf213mom	+/+	+/+	+/+	+/+		+/+
89rf213j		+/+		+/+		
89rf213i		+/+		+/+		
89rf213h		+/+		+/+		
89rf213g		t/+		+/+		
89rf213f		+/+		+/+		
89rf213e		+/+		t/+		
89rf213d		+/+		+/+		
89rf213c		+/+		+/+		
89rf213b		+/+		+/+		
89rf213a		+/+		+/+		
89rf164mom		+/+		+/+		
89rf164f		t/+		+/+		
89rf164e		+/+		+/+		
89rf164d		+/+		+/+		
89rf164c		t/+		+/+		
89rf164b				+/+		
89rf164a		+/+		+/+		

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	In(17)2			In(17)4		
Litter	119	Tcp1	40	Hba	TSE	89
89mi36m	+/+	+/+		+/+		
89mi36f		+/+		t/+		
89mi36e				+/+		
89mi36d		+/+		+/+		
89mi36c	+/+	+/+		+/+		
89mi36b	+/+	+/+		+/+		
89mi36a		+/+		+/+		
89c27m	+/+	+/+		+/+		
89c27e		+/+		+/+		
89c27d		+/+		+/+		
89c27c		+/+		+/+		
89c27b	t/+	+/+		t/+		
89c27a		+/+		t/+		
89c156m	+/+	+/+	+/+	+/+	+/+	+/+
89c156g	+/+	+/+		+/+		
89c156f	+/+	+/+	+/+	+/+		+/+
89c156e	+/+	+/+	+/+	+/+		+/+
89c156d	+/+	+/+	+/+	+/+		+/+
89c156b	+/+	+/+	+/+	+/+	+/+	+/+
89c156a	+/+	+/+	+/+	+/+	t/+	t/+
892m409	+/+	+/+		+/+		
892m409f		+/+		+/+		
892m409e		t/+		t/+		
892m409d				t/+		
892m409	t/+	+/+		t/+		
892m409	t/+	t/+		t/+		
892m409a		+/+		+/+		
892m250	+/+		+/+	+/+		+/+
892m250	+/+	+/+	+/+	+/+		+/+
892m250	+/+	+/+	+/+	+/+		+/+
892m250	+/+	+/+	+/+	+/+		+/+
892m250	+/+		+/+	+/+		+/+
892m250	+/+	+/+	+/+	+/+		+/+
892m250	+/+	+/+	+/+	+/+		+/+
892m250	+/+	t/+	+/+	t/+		t/+
892m186mom		+/+		+/+		
892m186g		+/+		+/+		
892m186f		+/+		t/+		
892m186e		+/+		+/+		
892m186d		+/+		+/+		
892m186c		+/+		+/+		
892m186b		+/+		+/+		

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892m186a	+/+		+/+		
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