

Table S4 List of strains from different sources and their known Prdm9 alleles.

Original 17	Sequenced in this study	Sequenced by Parvanov ^{S4}	Combined
129P2/OlaHsd			NA
129S1/SvImJ		129S1/SvImJ	Dom2
129S5SvEvBrd			NA
A/J		A/J	Dom2
AKR/J		AKR/J	Dom2
BALB/cJ			NA
C3H/HeJ		C3H/HeJ	Dom3
C57BL/6NJ			NA
CAST/EiJ		CAST/EiJ	Cst
CBA/J	CBA/J	CBA/CaJ	Dom3
DBA/J	DBA/2J	DBA/2J	Dom2
LP/J	LP/J		Dom2
NOD/ShiLtJ	NOD/LtJ	NOD/LtJ	Dom3
NZO/HILtJ	NZO/HILtJ	NZO/HILtJ	Dom2
PWK/PhJ		PWK/PhJ	Msc
SPRET/EiJ			NA
WSB/EiJ		WSB/EiJ	Dom3
	SJL/J		Dom3
	CALB/RkJ		Msc
	ST/bJ		Dom3
	P/J		Dom3
	PERC/EiJ		Dom2
	CE/J		Dom3
	MRL/MpJ		Dom3
	PERA/EiJ	PERA/EiJ	Dom3
	ZALENDE/EiJ		Dom3
	BTBRT<+>tf/J		Dom3
	C58/J		Dom2
	BPL/1J		Dom3
	BPN/3J		Dom3
	PL/J		Mls
	MA/MyJ		Dom2
	RF/J		Dom3
	FVB/NJ	FVB/NJ	Dom2
	SKIVE/EiJ	SKIVE/EiJ	Msc
	KK/HiJ	KK/HiJ	Dom2
	NOR/LtJ		Dom3
	SWR/J		Dom2
	NON/LtJ		Dom2
	LEWES/EiJ		Cst
	SEA/GnJ		Dom2
	BuB/BnJ		Dom3
		PWD/PhJ	Msc
		BALB/cByJ	Dom2
		MOLF/EiJ	Mls

NA = Unkown Prdm9 allele

SUPPORTING REFERENCES

- S1. Cox A. et al., *Genetics* **182**, 1335-1344 (2009).
- S2. Paigen K. et al., *PLoS Biology* **7**(2), 340-349 (2009).
- S3. Billings T. et al., *PLoS One* **5**(12), e15340 (2010).
- S4. Parvanov, E.D., P.M. Petkov, and K. Paigen. *Science* **327**: 835 (2010).