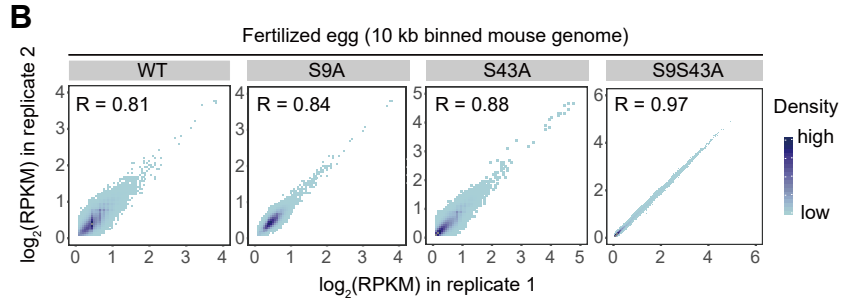


# Supplemental Figure 7

**A**

Libraries	Mapped reads	Reads (- ChrM)	Paternal reads	Maternal reads
FE_WT_1	48,446,048	10,714,740	59,234	253,632
FE_S9A_1	49,779,578	15,337,341	119,108	714,068
FE_S43A_1	59,670,036	12,004,894	20,612	169,511
FE_S9S43A_1	39,864,702	28,306,790	146,801	1,694,417
FE_WT_2	43,058,733	9,508,238	51,374	224,389
FE_S9A_2	47,238,989	14,480,088	110,933	671,246
FE_S43A_2	56,697,355	11,388,056	19,515	161,155
FE_S9S43A_2	36,679,201	25,853,676	135,762	1,573,778
SP_WT	20,448,186	20,143,728	NA	NA
SP_S9A	18,096,936	17,320,398	NA	NA
SP_S43A	22,467,993	22,189,928	NA	NA
SP_S9S43A	19,734,947	19,333,724	NA	NA
FE_siControl_1	24,143,410	6,132,128	254,957	260,524
FE_siSRPK1_1	34,841,073	30,758,198	914,844	859,691
FE_siControl_2	27,634,459	7,028,159	275,795	282,161
FE_siSRPK1_2	35,140,562	31,410,686	909,163	852,868



**D**

	Total reads	Maternal Genome (BALB/cJ)		Paternal Genome (C57BL/6)	
		Reads	Percentage	Reads	Percentage
WT_Mat_reads	478,021 (100%)	298,342	62.41%	72	0.02%
WT_Pat_reads	110,608 (100%)	39	0.04%	81,756	73.92%
S9A_Mat_reads	1,385,314 (100%)	940,839	67.92%	113	0.00%
S9A_Pat_reads	230,041 (100%)	121	0.05%	121,679	52.89%
S43A_Mat_reads	330,666 (100%)	238,195	72.03%	19	0.00%
S43A_Pat_reads	40,127 (100%)	57	0.14%	11,488	28.63%
DM_Mat_reads	3,268,195 (100%)	2,298,752	70.34%	72	0.00%
DM_Pat_reads	282,563 (100%)	283	0.10%	139,229	49.27%

