

Supplementary Table 5. Chromosome-wise distribution of marker retention frequencies on the horse x hamster 5000_{rad} RH panel

Horse chr.	Retention Frequency, RF	Minimum RF and corresponding markers	Maximum RF and corresponding markers
ECA1	10.4	5.4 (1CA44)	21.8 (TKY980)
ECA2	17.1	8.7 (BAI2)	41.8 (ACADL)
ECA3	22.4	9.9 (TKY990)	35.9 (UMNe317)
ECA4	22.6	12.1 (MLL3)	48.4 (EGFR)
ECA5	18.1	8.8 (LEX034)	34.1 (Plate9-F07-M13)
ECA6	17.0	9.8 (MMP19)	41.3 (HDLBP)
ECA7	17.3	7.6 (TKY476)	29.7 (TKY283)
ECA8	18.7	9.8 (PES1)	30.4 (TKY1045)
ECA9	23.3	13.0 (COPS5)	53.3 (UMNe496)
ECA10	17.8	7.7 (TKY855)	32.2 (RNF159)
ECA11	39.4	7.6 (CXCL16)	98.9 (UMNe096)
ECA12	26.2	15.2 (TKY734)	41.3 (TH)
ECA13	22.7	6.5 (CH241-106P18_T7)	50.0 (COR069)
ECA14	16.2	8.8 (TKY1053)	26.1 (TKY491)
ECA15	17.5	7.6 (HTG06)	38.0 (UMNe219)
ECA16	15.0	6.6 (MITF)	25.6 (UMNe348)
ECA17	12.9	5.4 (HMS41)	28.6 (TKY328)
ECA18	15.1	8.7 (BIN1)	24.2 (TUDPEc010)
ECA19	18.9	7.6 (TKY679)	39.1 (VHL011)
ECA20	15.5	8.8 (DQA)	25.0 (EXOC2)
ECA21	14.1	7.6 (ADAMTS6)	20.7 (TKY824)
ECA22	20.2	11.4 (DDX27)	29.1 (COR016)
ECA23	15.0	5.4 (TKY441)	32.6 (CTSL)
ECA24	22.7	15.4 (SLC8A3)	37.0 (CALM1)
ECA25	20.3	11.1 (TKY851)	30.8 (SURF2)
ECA26	25.1	16.3 (CSTB)	31.9 (TKY1233)
ECA27	19.1	8.7 (ADRB3)	31.5 (DCTD)
ECA28	20.8	12.0 (TKY808)	33.7 (TPH2)
ECA29	22.0	13.0 (TKY859)	31.9 (CH241-101F21_SP6)
ECA30	24.4	15.2 (UMNe463)	33.0 (NAV1)
ECA31	13.7	8.7 (CH241-100B15_SP6)	19.6 (THBS2)
ECAX	12.7	5.4 (BIRC4)	32.6 (PAB-PAR)
Average	19.2		