

	Genetic length (cM)	Physical length (Mb)	Mean rate (cM/Mb)	Hotspots
Genome	-144.26	45.33	-0.08	-14,056
ECA1	-7.02	2.42	-0.06	-1,118
ECA2	-6.03	0.61	-0.05	-693
ECA3	-0.48	1.98	-0.02	-744
ECA4	-6.84	1.00	-0.07	-668
ECA5	-13.94	-2.83	-0.11	-638
ECA6	-3.15	2.60	-0.07	-518
ECA7	-5.74	2.36	-0.08	-556
ECA8	-1.86	3.62	-0.06	-429
ECA9	0.48	2.31	-0.02	-539
ECA10	-3.83	1.24	-0.07	-537
ECA11	-0.49	0.47	-0.02	-273
ECA12	0.98	4.03	-0.21	-196
ECA13	-0.22	1.32	-0.05	-153
ECA14	-3.67	0.81	-0.05	-585
ECA15	-1.37	1.38	-0.03	-545
ECA16	-0.46	1.70	-0.03	-536
ECA17	-9.19	0.08	-0.12	-504
ECA18	-7.53	0.20	-0.1	-513
ECA19	-0.19	2.81	-0.06	-253
ECA20	-6.35	1.13	-0.12	-409
ECA21	-2.17	1.33	-0.07	-359
ECA22	-0.48	1.10	-0.03	-265
ECA23	-3.82	-0.04	-0.07	-420
ECA24	-0.01	1.71	-0.05	-218
ECA25	-0.91	0.86	-0.05	-249
ECA26	-2.69	1.36	-0.11	-353
ECA27	-3.72	0.40	-0.11	-276
ECA28	0.66	1.28	-0.01	-185
ECA29	0.26	1.21	-0.05	-183
ECA30	-0.68	1.44	-0.09	-244
ECA31	-0.21	1.13	-0.07	401
ECAX	-53.60	4.21	-0.48	-1,298

Supplemental Table S1. Differences in physical length, genetic map length, recombination rate, and number of predicted hotspots between the previous equine recombination map and the updated map. Actual values from EquCab3 are available in Table 1 and values from EquCab2 are available in Beeson et al (2019). Cell colors represent the change from EquCab2 to EquCab3: blue and orange represent increases and decreases in the updated map relative to the original map.