

Table S11. Estimation of post-divergence gene flow using the D Statistic [18]. The outgroup in all comparisons is the golden jackal. Statistical significance is evaluated using a two-tailed Z test, with the additional requirement that that absolute value of the Z-score to be ≥ 3 . Significant tests and sample pairs showing evidence for post-divergence gene flow are shown in bold.

P1	P2	P3	ABBA Sites	BABA Sites	D (%)	SE (%)	Z	p-value
Basenji	Dingo	Croatian wolf	164211	162364	0.57%	0.40%	1.42	0.16
Basenji	Dingo	Israeli wolf	158610	179656	-6.22%	0.51%	-12.21	2.79x10⁻³⁴
Boxer	Basenji	Croatian wolf	144942	146113	-0.40%	0.46%	-0.88	0.38
Boxer	Basenji	Israeli wolf	157007	147991	2.96%	0.52%	5.64	1.67x10⁻⁸
Boxer	Dingo	Croatian wolf	177485	176031	0.41%	0.44%	0.94	0.35
Boxer	Dingo	Israeli wolf	176511	189294	-3.49%	0.52%	-6.71	1.96x10⁻¹¹
Croatian wolf	Israeli wolf	Boxer	226123	210897	3.48%	0.65%	5.33	9.86x10⁻⁸
Croatian wolf	Israeli wolf	Dingo	213742	212876	0.20%	0.54%	0.38	0.71
Croatian wolf	Israeli wolf	Basenji	205695	182191	6.06%	0.62%	9.74	1.99x10⁻²²
Basenji	Dingo	Chinese wolf	173366	162030	3.38%	0.45%	7.49	6.76x10⁻¹⁴
Boxer	Basenji	Chinese wolf	149172	147273	0.64%	0.41%	1.54	0.12
Boxer	Dingo	Chinese wolf	192400	175946	4.47%	0.44%	10.14	3.77x10⁻²⁴
Croatian wolf	Chinese wolf	Boxer	216145	219859	-0.85%	0.42%	-2.02	4.32x10 ⁻²
Croatian wolf	Chinese wolf	Dingo	221737	212060	2.23%	0.44%	5.10	3.48x10⁻⁷
Croatian wolf	Chinese wolf	Basenji	190706	191336	-0.16%	0.39%	-0.42	0.68
Chinese wolf	Israeli wolf	Boxer	242452	222327	4.33%	0.68%	6.41	1.43x10⁻¹⁰
Chinese wolf	Israeli wolf	Dingo	223003	232071	-1.99%	0.56%	-3.58	3.48x10⁻⁴
Chinese wolf	Israeli wolf	Basenji	216213	191475	6.07%	0.64%	9.50	2.02x10⁻²¹