

**Table S9.** Estimates of the number of ABBA/BABA/BBAA sites in the six canid genomes. For each cell and each quartet comparison we report the number of ABBA/BABA/BBAA sites followed by the frequency of those three types of sites given that the site is bi-allelic with the two alleles found in two species each. The golden jackal was used as an outgroup in all comparisons.

<b>P1</b>	<b>P2</b>	<b>P3</b>	<b>ABBA Sites</b>	<b>BABA Sites</b>	<b>BBAA Sites</b>
Basenji	Dingo	Croatian wolf	164211; 28.43%	162364; 28.11%	250958; 43.45%
Basenji	Dingo	Israeli wolf	158610; 27.18%	179656; 30.78%	245329; 42.04%
Boxer	Basenji	Croatian wolf	144942; 24.82%	146113; 25.02%	292896; 50.16%
Boxer	Basenji	Israeli wolf	157007; 26.71%	147991; 25.17%	282873; 48.12%
Boxer	Dingo	Croatian wolf	177485; 27.15%	176031; 26.93%	300095; 45.91%
Boxer	Dingo	Israeli wolf	176511; 26.50%	189294; 28.42%	300201; 45.07%
Croatian wolf	Israeli wolf	Boxer	226123; 34.16%	210897; 31.86%	224971; 33.98%
Croatian wolf	Israeli wolf	Dingo	213742; 32.78%	212876; 32.65%	225351; 34.56%
Croatian wolf	Israeli wolf	Basenji	205695; 35.29%	182191; 31.26%	194909; 33.44%
Basenji	Dingo	Chinese wolf	173366; 29.45%	162030; 27.52%	253270; 43.02%
Boxer	Basenji	Chinese wolf	149172; 24.91%	147273; 24.59%	302448; 50.50%
Boxer	Dingo	Chinese wolf	192400; 28.40%	175946; 25.97%	309223; 45.64%
Croatian wolf	Chinese wolf	Boxer	216145; 32.52%	219859; 33.08%	228675; 34.40%
Croatian wolf	Chinese wolf	Dingo	221737; 33.97%	212060; 32.49%	218959; 33.54%
Croatian wolf	Chinese wolf	Basenji	190706; 32.79%	191336; 32.90%	199502; 34.31%
Chinese wolf	Israeli wolf	Boxer	242452; 35.42%	222327; 32.48%	219803; 32.11%
Chinese wolf	Israeli wolf	Dingo	223003; 33.37%	232071; 34.73%	213209; 31.90%
Chinese wolf	Israeli wolf	Basenji	216213; 36.43%	191475; 32.26%	185855; 31.31%
Basenji	Dingo	Boxer	179362; 32.42%	216634; 39.16%	157265; 28.43%
Chinese Wolf	Croatian Wolf	Israeli Wolf	230181; 34.70%	208597; 31.44%	224601; 33.86%