

**Table S2: Details of sequence coverage**

<b>Dog ID</b>	<b>Population</b>	<b>Mean Autosomal Coverage</b>
1735	Afghan Hound	6.89
2972	Labrador Retriever	9.05
4669	Xoloitzcuintli	13.97
BA19	Bosnia (Tornjak)	7.10
Dog01	China	7.41
Dog02	China	8.13
Dog03	China	7.97
Dog04	China	7.41
Dog06	China	7.89
Dog07	China	6.62
Dog08	China	7.80
Dog09	China	7.41
Dog10	China	7.85
Dog11	China	7.46
Dog12	China	7.89
Dog13	China	8.22
Dog14	China	7.91
Dog15	China	7.70
EG44	Egypt	7.79
EG49	Egypt	7.01
HR85	Bosnia (Istrian Shorthaired Hound)	7.73
HR93	Bosnia (Caucasian Ovcharka)	9.13
ID125	India	12.66
ID137	India	7.20
ID165	India	9.47
ID168	India (Tibetan Masiff mix)	8.34
ID60	India	13.02
ID91	India	7.50
IN18	Borneo	4.94
IN23	Borneo	6.95
IN29	Borneo	5.74
LB74	Lebanon	8.37
LB79	Lebanon	8.76
LB85	Lebanon	8.61
NA63	Namibia	7.62
NA8	Namibia	12.77
NA89	Namibia	7.08
PG115	Papua New Guinea	8.03
PG122	Papua New Guinea	5.75
PG84	Papua New Guinea	15.00
PT61	Portugal	15.68
PT71	Portugal	13.77
QA27	Qatar	12.38
QA5	Qatar	6.06
TW04	Taiwan	14.94
VN21	Vietnam	9.04
VN37	Vietnam	6.77
VN4	Vietnam	9.10
VN42	Vietnam	9.08
VN59	Vietnam	8.64
VN76	Vietnam	6.11