

Additional file 1: Supplementary Table 1. Description of 96 prairie falcon SNPs associated with genes under selection in different species.

SNP ID	Ontology	Organism	Citation
1614105:566001	ABHD6	<i>Alligator sinensis</i>	[1]
1614686:5293396	ACADS	<i>Alligator sinensis</i>	[1]
1612666:3119752	ADAM19	<i>Alligator sinensis</i>	[1]
1614105:5966489	ADAMTS9	<i>Alligator sinensis</i>	[1]
1615281:1321851	AGA	<i>Taeniopygia guttata</i>	[2]
1612891:582304	AIM1	<i>Alligator sinensis</i>	[1]
1612562:4811621	AIMP2	<i>Alligator sinensis</i>	[1]
1613640:779706	ANO10	<i>Geospiza magnirostris</i>	[3]
1615259:181134	AQP9	<i>Pseudopodoces humilis</i>	[4]
1614105:247653	ASB14	<i>Chrysemys picta</i>	[5]
1612964:1419399	ASPN	<i>Alligator sinensis</i>	[1]
1612469:1301514	ATXN1	<i>Taeniopygia guttata</i>	[2]
1612469:1302424	ATXN1	<i>Taeniopygia guttata</i>	[2]
1612403:887669	BICD2	<i>Taeniopygia guttata</i>	[6]
1613897:10629663	C8B	<i>Alligator sinensis</i>	[1]
1614075:3255035	CACNA1B	<i>Taeniopygia guttata</i>	[6]
1613384:1458567	CACNA1D	<i>Taeniopygia guttata</i>	[2]
1614520:2614106	CACNA1G	<i>Taeniopygia guttata</i>	[6]
1612694:6471166	CHD2	<i>Pseudopodoces humilis</i>	[4]
1612844:1330017	CLASP2	<i>Taeniopygia guttata</i>	[6]
1612520:6017799	CNTN1	<i>Alligator sinensis</i>	[1]
1613106:1290319	CTSE	<i>Alligator sinensis</i>	[1]
1612096:1127622	DAGLA	<i>Alligator sinensis</i>	[1]
1613785:129109	DNAJC6	<i>Taeniopygia guttata</i>	[6]
1614282:1141302	EML4	<i>Gallus gallus</i>	[7]
1612929:63221	EPCAM	<i>Alligator sinensis</i>	[1]
1614131:6223675	ERCC5	<i>Taeniopygia guttata</i>	[6]
1612439:222666	EZH2	<i>Pseudopodoces humilis</i>	[4]
1612346:15212015	F10	<i>Alligator sinensis</i>	[1]
1615288:3118567	FLII	<i>Alligator sinensis</i>	[1]
1612932:487927	GRIA2	<i>Taeniopygia guttata</i>	[2]
1613580:5715670	GSK3B	<i>Falco peregrinus</i>	[8]
1612617:568182	HADHA	<i>Alligator sinensis</i>	[1]
1613005:949397	HIF1AN	<i>Parus humilis</i>	[9]
1612289:10157266	HPS6	<i>Alligator sinensis</i>	[1]
1593808:8041	IGF2R	<i>Geospiza magnirostris</i>	[3]
1614688:1973115	IL1RAP	<i>Alligator sinensis</i>	[1]
1612289:1336404	INPP5F	<i>Pseudopodoces humilis</i>	[4]
1612432:234418	ITGA9	<i>Alligator sinensis</i>	[1]
1611951:4700267	KDR	<i>Alligator sinensis</i>	[1]
1614506:145763	LARP7	<i>Alligator sinensis</i>	[1]

1613897:9109052	LRP8	<i>Alligator sinensis</i>	[1]
1614314:3008240	LRRRC16A	<i>Taeniopygia guttata</i>	[6]
1612503:840990	LRRRC7	<i>Parus humilis</i>	[9]
1614643:1891609	LRRRC8D	<i>Alligator sinensis</i>	[1]
1612694:9639101	LRRK1	<i>Parus humilis</i>	[9]
1612666:6324471	MAPK9	<i>Falco peregrinus</i>	[8]
1612346:11450432	MFSD9	<i>Alligator sinensis</i>	[1]
1611802:3456222	MPHOSPH10	<i>Alligator sinensis</i>	[1]
1612632:1214371	MYH10	<i>Taeniopygia guttata</i>	[6]
1613669:4872333	NID1	<i>Alligator sinensis</i>	[1]
1613408:287251	NLGN3	<i>Alligator sinensis</i>	[1]
1612346:10672156	NPAS2	<i>Taeniopygia guttata</i>	[2]
1613274:21823	OPN3	<i>Alligator sinensis</i>	[1]
1615277:1808636	PAPSS2	<i>Alligator sinensis</i>	[1]
1612441:3381811	PDE1A	<i>Taeniopygia guttata</i>	[6]
1613056:1192015	PIGW	<i>Pseudopodoces humilis</i>	[4]
1614298:1387066	PLA2G6	<i>Taeniopygia guttata</i>	[2]
1613518:109196	PLEKHA8	<i>Alligator sinensis</i>	[1]
1614310:2068237	PLOD2	<i>Gallus gallus</i>	[7]
1613026:97585	PLP1	<i>Taeniopygia guttata</i>	[2]
1615221:81774	POU1F1	<i>Geospiza magnirostris</i>	[3]
1611833:26797	PSMD2	<i>Parus humilis</i>	[9]
1613897:3358312	PTPRF	<i>Taeniopygia guttata</i>	[2]
1612196:132010	RBM5	<i>Taeniopygia guttata</i>	[6]
1612849:6445227	RCN1	<i>Alligator sinensis</i>	[1]
1614664:1823882	RLF	<i>Alligator sinensis</i>	[1]
1613596:4590629	ROBO2	<i>Gallus gallus</i>	[7]
1613179:594551	RPS3A	<i>Alligator sinensis</i>	[1]
1612204:4622386	SAPCD2	<i>Alligator sinensis</i>	[1]
1612849:741062	SHANK2	<i>Gallus gallus</i>	[7]
1613381:334429	SLC26A3	<i>Alligator sinensis</i>	[1]
1612041:807987	SLC4A1	<i>Alligator sinensis</i>	[1]
1613314:1496853	SMC1B	<i>Alligator sinensis</i>	[1]
1614264:2224382	SMO	<i>Alligator sinensis</i>	[1]
1614271:1810603	SMOC1	<i>Taeniopygia guttata</i>	[6]
1613751:1071374	SORBS2	<i>Taeniopygia guttata</i>	[6]
1614520:2781608	SPATA20	<i>Alligator sinensis</i>	[1]
1613464:1822371	SPG11	<i>Alligator sinensis</i>	[1]
1614474:953448	ST6GALNAC1	<i>Pseudopodoces humilis</i>	[4]
1612628:802176	SUCNR1	<i>Gallus gallus</i>	[7]
1613790:1792316	TADA2B	<i>Pseudopodoces humilis</i>	[4]
1614305:2995114	TBC1D1	<i>Gallus gallus</i>	[7]
1613666:3047902	TEX2	<i>Taeniopygia guttata</i>	[6]
1612844:2076748	TGM4	<i>Alligator sinensis</i>	[1]
1612100:10539	TLK2	<i>Taeniopygia guttata</i>	[6]

1612142:1217548	TLR5	<i>Alligator sinensis</i>	[1]
1612142:1004236	TP53BP2	<i>Taeniopygia guttata</i>	[6]
1614362:1546835	TSNARE1	<i>Gallus gallus</i>	[7]
1613325:211217	UBR1	<i>Taeniopygia guttata</i>	[6]
1614520:3065971	USH1G	<i>Alligator sinensis</i>	[1]
1612562:4406105	VWA3A	<i>Alligator sinensis</i>	[1]
1613514:1252656	WNK1	<i>Taeniopygia guttata</i>	[2]
1613314:1101621	WNT7B	<i>Parus humilis</i>	[9]
1613342:9318881	ZNFX1	<i>Pseudopodoces humilis</i>	[4]

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