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# Chromosomal inversion polymorphisms shape the genomic landscape of deer mice

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**Supplementary Table 1. List of samples for each population included in this study.** Samples from populations *a* – *m* included in this study, listed by population from Fig. 4a, with subspecies labels for focal populations, and ecotype labels for forest and prairie populations with the following descriptors: *Sample.ID*: unique ID for each sample; *Museum.ID*: museum accession number for that sample; *Latitude/Longitude*: geographic coordinates from which sample was collected; *Source*: institution, researcher, or NCBI project from which the tissue or sequencing data was obtained (MCZ = Museum of Comparative Zoology, Harvard University; MSB = Museum of Southwestern Biology, University of New Mexico; USFS = US Forest Service; UM = University of Michigan; internal = internal from Hoekstra lab); *Sequencing*: type of sequencing data obtained for that sample (WGS = whole-genome re-sequencing; exome = exome-sequencing); *SRA.run*: NCBI SRA run identifier.

Sample.ID	Museum.ID	Latitude	Longitude	Source	Sequencing	SRA.run
<b>Population a</b>						
FSB11	MCZ69737	49.28	-122.57	MCZ	WGS	SRR20309002
FSB25	MCZ69784	49.27	-122.57	MCZ	WGS	SRR20309000
FSB37		49.28	-122.57	internal	WGS	SRR20309014
FSB42		49.28	-122.57	internal	WGS	SRR20309012
FSB43	MCZ69794	49.28	-122.57	MCZ	WGS	SRR20309010
FSB48	MCZ69756	49.27	-122.57	MCZ	WGS	SRR20309008
FSB6	MCZ69733	49.27	-122.57	MCZ	WGS	SRR20309016
FSB7	MCZ69734	49.27	-122.57	MCZ	WGS	SRR20309005
FSB51		49.27	-122.58	internal	WGS	SRR20730174
FSB52	MCZ69797	49.27	-122.58	MCZ	WGS	SRR20730172
FSB53		49.27	-122.58	internal	WGS	SRR20730171
<b>Population b</b>						
476_3_1		48.66	-110.46	Sam Cushman (USFS)	WGS	SRR20730164
477_1_4		48.66	-110.46	Sam Cushman (USFS)	WGS	SRR20730163
479_2_1		48.66	-110.46	Sam Cushman (USFS)	WGS	SRR20730161
<b>Population c (<i>P. m. rubidus</i>; forest ecotype)</b>						
ERH21	MCZ69553	44.24	-123.95	PRJNA688305	WGS	SRR13318612
ERH27	MCZ69544	44.27	-124.04	PRJNA688305	WGS	SRR13318609
ERH36	MCZ69566	44.22	-124.01	PRJNA688305	WGS	SRR13318608
ERH52	MCZ69555	44.24	-123.95	PRJNA688305	WGS	SRR13318601
ERH19	MCZ70244	44.27	-124.03	PRJNA688305	WGS	SRR13318613
ERH48	MCZ69563	44.22	-124.01	PRJNA688305	WGS	SRR13318602
ERH26	MCZ70248	44.27	-124.04	PRJNA688305	WGS	SRR13318610
ERH14	MCZ70242	44.27	-124.03	PRJNA688305	WGS	SRR13318614
ERH25	MCZ70247	44.22	-123.92	PRJNA688305	WGS	SRR13318611
ERH38		44.22	-124.01	PRJNA688305	WGS	SRR13318607
ERH42	MCZ70254	44.27	-124.03	PRJNA688305	WGS	SRR13318606
ERH12	MCZ70240	44.27	-124.04	PRJNA688305	WGS	SRR13318616
ERH43		44.22	-124.01	PRJNA688305	WGS	SRR13318605
ERH46	MCZ69562	44.22	-124.01	PRJNA688305	WGS	SRR13318603
ERH53		44.24	-123.95	PRJNA688305	WGS	SRR13318600
<b>Population d</b>						
SRR8782118	MVZ207860	37.55	-120.36	PRJNA528923	exome	SRR8782118
SRR8782119	MVZ207863	37.53	-120.35	PRJNA528923	exome	SRR8782119
SRR8782120	MVZ207864	37.54	-120.49	PRJNA528923	exome	SRR8782120
SRR8782121	MVZ207843	37.62	-120.52	PRJNA528923	exome	SRR8782121
SRR8782123	MVZ207839	37.67	-120.48	PRJNA528923	exome	SRR8782123
SRR8782191	MVZ207878	37.70	-120.24	PRJNA528923	exome	SRR8782191
SRR8782192	MVZ207847	37.51	-120.40	PRJNA528923	exome	SRR8782192
SRR8782195	MVZ207842	37.67	-120.47	PRJNA528923	exome	SRR8782195
SRR8782196	MVZ207851	37.55	-120.35	PRJNA528923	exome	SRR8782196
SRR8782197	MVZ207866	37.63	-120.21	PRJNA528923	exome	SRR8782197
SRR8782200	MVZ207870	37.66	-120.22	PRJNA528923	exome	SRR8782200
SRR8782201	MVZ207856	37.55	-120.36	PRJNA528923	exome	SRR8782201
SRR8782202	MVZ207828	37.50	-120.07	PRJNA528923	exome	SRR8782202
SRR8782205	MVZ207830	37.64	-120.15	PRJNA528923	exome	SRR8782205
SRR8782207	MVZ207832	37.67	-120.46	PRJNA528923	exome	SRR8782207
<b>Population e (<i>P. m. gambelii</i>; prairie ecotype)</b>						
ERH108	MCZ69536	44.85	-117.64	PRJNA688305	WGS	SRR13318593

ERH87	MCZ70287	44.81	-117.66	PRJNA688305	WGS	SRR13318653
ERH99	MCZ70296	44.81	-117.60	PRJNA688305	WGS	SRR13318667
ERH95	MCZ70292	44.81	-117.66	PRJNA688305	WGS	SRR13318700
ERH97	MCZ70294	44.81	-117.60	PRJNA688305	WGS	SRR13318678
ERH100	MCZ70297	44.81	-117.60	PRJNA688305	WGS	SRR13318615
ERH110	MCZ70302	44.81	-117.66	PRJNA688305	WGS	SRR13318725
ERH83	MCZ70286	44.85	-117.64	PRJNA688305	WGS	SRR13318714
ERH88	MCZ70288	44.82	-117.63	PRJNA688305	WGS	SRR13318642
ERH89	MCZ70289	44.82	-117.63	PRJNA688305	WGS	SRR13318631
ERH90	MCZ70290	44.85	-117.64	PRJNA688305	WGS	SRR13318758
ERH96	MCZ70293	44.81	-117.60	PRJNA688305	WGS	SRR13318689
ERH107	MCZ70300	44.82	-117.63	PRJNA688305	WGS	SRR13318604
ERH93	MCZ70291	44.81	-117.66	PRJNA688305	WGS	SRR13318747
ERH94	MCZ69534	44.85	-117.64	PRJNA688305	WGS	SRR13318736

**Population f**

MSB280706	MSB280706	33.40	-108.59	MSB	WGS	SRR20309015
MSB280708	MSB280708	33.40	-108.59	MSB	WGS	SRR20309004
MSB280720	MSB280720	33.40	-108.58	MSB	WGS	SRR20309001
MSB280729	MSB280729	33.40	-108.58	MSB	WGS	SRR20308999
MSB280948	MSB280948	33.40	-108.58	MSB	WGS	SRR20309013
MSB280961	MSB280961	33.40	-108.58	MSB	WGS	SRR20309011
MSB280963	MSB280963	33.40	-108.58	MSB	WGS	SRR20309009
MSB280964	MSB280964	33.40	-108.58	MSB	WGS	SRR20309007
MSB280968	MSB280968	33.40	-108.59	MSB	WGS	SRR20309006
MSB280977	MSB280977	33.40	-108.58	MSB	WGS	SRR20309003
MSB280721	MSB280721	33.40	-108.58	MSB	WGS	SRR20730107
MSB280893	MSB280893	33.40	-108.58	MSB	WGS	SRR20730104
MSB280973	MSB280973	33.40	-108.58	MSB	WGS	SRR20730103

**Population g**

SRR8782108		39.59	-105.64	PRJNA528923	exome	SRR8782108
SRR8782109		39.59	-105.64	PRJNA528923	exome	SRR8782109
SRR8782110		39.59	-105.64	PRJNA528923	exome	SRR8782110
SRR8782111		39.59	-105.64	PRJNA528923	exome	SRR8782111
SRR8782112		39.59	-105.64	PRJNA528923	exome	SRR8782112
SRR8782113		39.59	-105.64	PRJNA528923	exome	SRR8782113
SRR8782114		39.59	-105.64	PRJNA528923	exome	SRR8782114
SRR8782115		39.59	-105.64	PRJNA528923	exome	SRR8782115
SRR8782116		39.59	-105.64	PRJNA528923	exome	SRR8782116
SRR8782157		39.59	-105.64	PRJNA528923	exome	SRR8782157
SRR8782158		39.59	-105.64	PRJNA528923	exome	SRR8782158
SRR8782159		39.59	-105.64	PRJNA528923	exome	SRR8782159
SRR8782160		39.59	-105.64	PRJNA528923	exome	SRR8782160
SRR8782161		39.59	-105.64	PRJNA528923	exome	SRR8782161
SRR8782162		39.59	-105.64	PRJNA528923	exome	SRR8782162
SRR8782165		39.59	-105.64	PRJNA528923	exome	SRR8782165
SRR8782166		39.59	-105.64	PRJNA528923	exome	SRR8782166
SRR8782167		39.59	-105.64	PRJNA528923	exome	SRR8782167
SRR8782169		39.59	-105.64	PRJNA528923	exome	SRR8782169
SRR8782170		39.59	-105.64	PRJNA528923	exome	SRR8782170
SRR8782171		39.59	-105.64	PRJNA528923	exome	SRR8782171
SRR8782172		39.59	-105.64	PRJNA528923	exome	SRR8782172
SRR8782173		39.59	-105.64	PRJNA528923	exome	SRR8782173
SRR8782174		39.59	-105.64	PRJNA528923	exome	SRR8782174
SRR8782175		39.59	-105.64	PRJNA528923	exome	SRR8782175
SRR8782176		39.59	-105.64	PRJNA528923	exome	SRR8782176
SRR8782177		39.59	-105.64	PRJNA528923	exome	SRR8782177
SRR8782178		39.59	-105.64	PRJNA528923	exome	SRR8782178
SRR8782179		39.59	-105.64	PRJNA528923	exome	SRR8782179
SRR8782180		39.59	-105.64	PRJNA528923	exome	SRR8782180
SRR8782181		39.59	-105.64	PRJNA528923	exome	SRR8782181
SRR8782182		39.59	-105.64	PRJNA528923	exome	SRR8782182
SRR8782183		39.59	-105.64	PRJNA528923	exome	SRR8782183
SRR8782184		39.59	-105.64	PRJNA528923	exome	SRR8782184
SRR8782185		39.59	-105.64	PRJNA528923	exome	SRR8782185
SRR8782186		39.59	-105.64	PRJNA528923	exome	SRR8782186
SRR8782187		39.59	-105.64	PRJNA528923	exome	SRR8782187

SRR8782188		39.59	-105.64	PRJNA528923	exome	SRR8782188
SRR8782189		39.59	-105.64	PRJNA528923	exome	SRR8782189
SRR8782190		39.59	-105.64	PRJNA528923	exome	SRR8782190
SRR8782193		39.59	-105.64	PRJNA528923	exome	SRR8782193
SRR8782194		39.59	-105.64	PRJNA528923	exome	SRR8782194
SRR8782199		39.59	-105.64	PRJNA528923	exome	SRR8782199
SRR8782203		39.59	-105.64	PRJNA528923	exome	SRR8782203
SRR8782204		39.59	-105.64	PRJNA528923	exome	SRR8782204
SRR8782206		39.59	-105.64	PRJNA528923	exome	SRR8782206
<b>Population h</b>						
SRR8782117		40.81	-96.68	PRJNA528923	exome	SRR8782117
SRR8782122		40.81	-96.68	PRJNA528923	exome	SRR8782122
SRR8782124		40.81	-96.68	PRJNA528923	exome	SRR8782124
SRR8782125		40.81	-96.68	PRJNA528923	exome	SRR8782125
SRR8782126		40.81	-96.68	PRJNA528923	exome	SRR8782126
SRR8782127		40.81	-96.68	PRJNA528923	exome	SRR8782127
SRR8782128		40.81	-96.68	PRJNA528923	exome	SRR8782128
SRR8782129		40.81	-96.68	PRJNA528923	exome	SRR8782129
SRR8782130		40.81	-96.68	PRJNA528923	exome	SRR8782130
SRR8782131		40.81	-96.68	PRJNA528923	exome	SRR8782131
SRR8782132		40.81	-96.68	PRJNA528923	exome	SRR8782132
SRR8782133		40.81	-96.68	PRJNA528923	exome	SRR8782133
SRR8782134		40.81	-96.68	PRJNA528923	exome	SRR8782134
SRR8782135		40.81	-96.68	PRJNA528923	exome	SRR8782135
SRR8782136		40.81	-96.68	PRJNA528923	exome	SRR8782136
SRR8782137		40.81	-96.68	PRJNA528923	exome	SRR8782137
SRR8782139		40.81	-96.68	PRJNA528923	exome	SRR8782139
SRR8782141		40.81	-96.68	PRJNA528923	exome	SRR8782141
SRR8782142		40.81	-96.68	PRJNA528923	exome	SRR8782142
SRR8782143		40.81	-96.68	PRJNA528923	exome	SRR8782143
SRR8782144		40.81	-96.68	PRJNA528923	exome	SRR8782144
SRR8782145		40.81	-96.68	PRJNA528923	exome	SRR8782145
SRR8782146		40.81	-96.68	PRJNA528923	exome	SRR8782146
SRR8782147		40.81	-96.68	PRJNA528923	exome	SRR8782147
SRR8782148		40.81	-96.68	PRJNA528923	exome	SRR8782148
SRR8782149		40.81	-96.68	PRJNA528923	exome	SRR8782149
SRR8782150		40.81	-96.68	PRJNA528923	exome	SRR8782150
SRR8782151		40.81	-96.68	PRJNA528923	exome	SRR8782151
SRR8782152		40.81	-96.68	PRJNA528923	exome	SRR8782152
SRR8782153		40.81	-96.68	PRJNA528923	exome	SRR8782153
SRR8782154		40.81	-96.68	PRJNA528923	exome	SRR8782154
SRR8782155		40.81	-96.68	PRJNA528923	exome	SRR8782155
SRR8782156		40.81	-96.68	PRJNA528923	exome	SRR8782156
SRR8782163		40.81	-96.68	PRJNA528923	exome	SRR8782163
SRR8782164		40.81	-96.68	PRJNA528923	exome	SRR8782164
<b>Population i</b>						
JJK_4190	MCZ70690	38.30	-84.51	MCZ	WGS	SRR20730162
JJK_4191	MCZ70691	38.30	-84.51	MCZ	WGS	SRR20730151
JJK_4192	MCZ70692	38.30	-84.51	MCZ	WGS	SRR20730140
<b>Population j (<i>P. m. bairdii</i>)</b>						
MZ10760		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730094
MZ10762		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730092
MZ10764		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730091
MZ10770		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730090
MZ10772		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730089
MZ10774		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730088
MZ10804		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730087
MZ10808		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730214
MZ10812		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730213
MZ10813		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730211
MZ10814		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730210
MZ10815		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730209
MZ10884		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730208
MZ10885		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730207
MZ11010		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730206
MZ11011		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730205

MZ11012		42.20	-83.89	Cody Thompson (UM)	WGS	SRR20730204
<b>Population k</b>						
EPK001		45.41	-84.16	internal	WGS	SRR20730048
EPK002		45.41	-84.16	internal	WGS	SRR20730047
EPK003		45.41	-84.16	internal	WGS	SRR20730046
EPK004		45.41	-84.16	internal	WGS	SRR20730045
EPK005		45.41	-84.16	internal	WGS	SRR20730044
EPK006		45.41	-84.16	internal	WGS	SRR20730043
EPK007		45.41	-84.16	internal	WGS	SRR20730042
EPK008		45.41	-84.16	internal	WGS	SRR20730041
EPK010		45.41	-84.16	internal	WGS	SRR20730039
EPK011		45.41	-84.16	internal	WGS	SRR20730038
EPK012		45.41	-84.16	internal	WGS	SRR20730037
EPK014		45.41	-84.16	internal	WGS	SRR20730036
EPK017		45.41	-84.16	internal	WGS	SRR20730035
EPK018		45.41	-84.16	internal	WGS	SRR20730034
EPK019		45.41	-84.16	internal	WGS	SRR20730033
<b>Population l (<i>P. m. nubiterrae</i>)</b>						
EPK04		40.33	-79.27	internal	WGS	SRR19238025
EPK14		40.33	-79.27	internal	WGS	SRR20730135
EPK07		40.33	-79.27	internal	WGS	SRR20730134
EPK11		40.33	-79.27	internal	WGS	SRR20730133
EPK17		40.33	-79.27	internal	WGS	SRR20730132
EPK08		40.33	-79.27	internal	WGS	SRR20730131
EPK02		40.33	-79.27	internal	WGS	SRR20730130
EPK03		40.33	-79.27	internal	WGS	SRR20730128
EPK01		40.33	-79.27	internal	WGS	SRR20730127
EPK15		40.33	-79.27	internal	WGS	SRR20730126
EPK10		40.33	-79.27	internal	WGS	SRR20730125
EPK18		40.33	-79.27	internal	WGS	SRR20730124
EPK09		40.33	-79.27	internal	WGS	SRR20730123
EPK16		40.33	-79.27	internal	WGS	SRR20730122
NUB13		40.33	-79.27	internal	WGS	SRR20730121
<b>Population m (<i>P. p. subgriseus</i>)</b>						
68144	MCZ68144	29.18	-81.80	MCZ	WGS	SRR19237879
68146	MCZ68146	29.18	-81.80	MCZ	WGS	SRR19237877
68147	MCZ68147	29.18	-81.80	MCZ	WGS	SRR19237876
68148	MCZ68148	29.18	-81.80	MCZ	WGS	SRR19237875
68149	MCZ68149	29.18	-81.80	MCZ	WGS	SRR19237874
68150	MCZ68150	29.18	-81.80	MCZ	WGS	SRR19237873
68151	MCZ68151	29.18	-81.80	MCZ	WGS	SRR19237872
68152	MCZ68152	29.18	-81.80	MCZ	WGS	SRR19237871
68153	MCZ68153	29.18	-81.80	MCZ	WGS	SRR19237870
68154	MCZ68154	29.18	-81.80	MCZ	WGS	SRR19237869
68159	MCZ68159	29.18	-81.80	MCZ	WGS	SRR19237868
68160	MCZ68160	29.18	-81.80	MCZ	WGS	SRR19237866
68161	MCZ68161	29.18	-81.80	MCZ	WGS	SRR19237961
68162	MCZ68162	29.18	-81.80	MCZ	WGS	SRR19237960
68163	MCZ68163	29.18	-81.80	MCZ	WGS	SRR19237959
<b><i>P. leucopus</i></b>						
MSB_212419	MSB212419	36.10	-94.00	MSB	WGS	SRR20730233
MSB_212420	MSB212420	36.10	-94.00	MSB	WGS	SRR20730232
MSB_212421	MSB212421	36.10	-94.00	MSB	WGS	SRR20730106
MSB_53354	MSB53354	46.90	-96.50	MSB	WGS	SRR20730167
MSB_53355	MSB53355	46.90	-96.50	MSB	WGS	SRR20730166
MSB_53357	MSB53357	46.90	-96.50	MSB	WGS	SRR20730165
MSB_229927	MSB229927	43.60	-73.70	MSB	WGS	SRR20730144
MSB_229967	MSB229967	43.60	-73.70	MSB	WGS	SRR20730143
MSB_42375	MSB42375	33.85	-100.79	MSB	WGS	SRR20730115
MSB_42378	MSB42378	33.85	-100.79	MSB	WGS	SRR20730114
MSB_42402	MSB42402	33.85	-100.79	MSB	WGS	SRR20730113
<b><i>P. californicus</i></b>						
47_IS_F_17437		NA	NA	internal	WGS	SRR20730224
IS_SRA		NA	NA	PRJNA53595	WGS	SAMN01081713