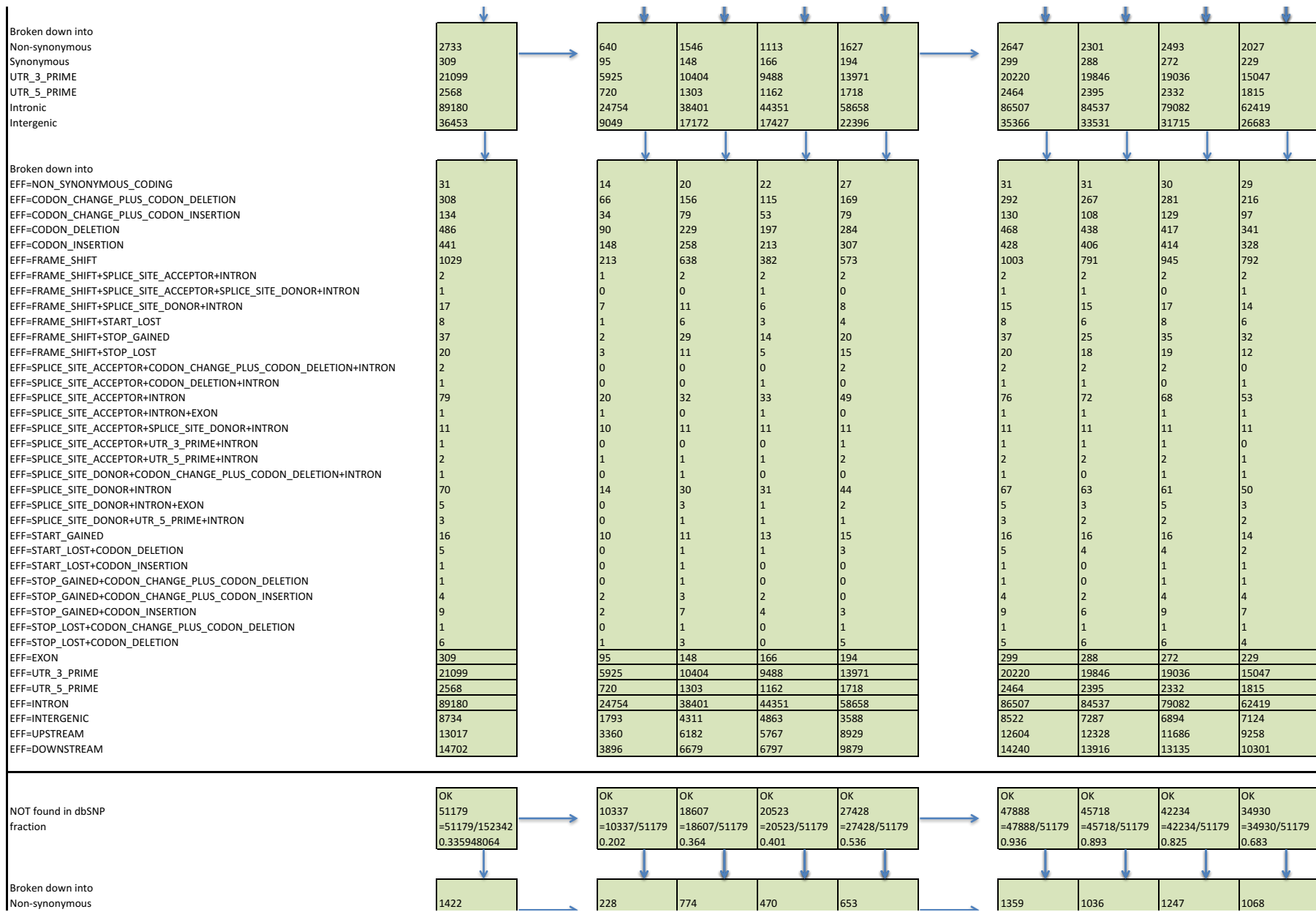


Supplementary Table 4. Number of SNPs discovered across "All Genotypes", each respective species analyzed separately, or each respective species removed. Table divided according to whether SNPs were also found in dbSNP (top panel), total WDIS dataset (middle panel), or not found in dbSNP (bottom panel)

(EFF=various functional annotations taken from Ensembl.)

	All Genotypes	castaneus only	domesticus only	musculus only	spretus only	castaneus removed	domesticus removed	musculus removed	spretus removed	
ALSO found in dbSNP										
Broken down into										
EFF=NON_SYNONYMOUS_CODING	18	7	11	12	16	0	18	17	17	
EFF=CODON_CHANGE_PLUS_CODON_DELETION	189	49	103	83	125	0	184	180	131	
EFF=CODON_CHANGE_PLUS_CODON_INSERTION	75	27	45	39	54	0	72	72	55	
EFF=CODON_DELETION	324	73	176	134	227	0	318	308	225	
EFF=CODON_INSERTION	321	129	202	177	255	0	316	314	243	
EFF=FRAME_SHIFT	220	74	143	117	170	0	219	214	168	
EFF=FRAME_SHIFT+SPLICE_SITE_ACCEPTOR+INTRON	2	1	2	2	2	0	2	2	2	
EFF=FRAME_SHIFT+SPLICE_SITE_DONOR+INTRON	12	6	8	5	7	0	11	12	10	
EFF=FRAME_SHIFT+START_LOST	6	1	4	2	4	0	6	5	4	
EFF=FRAME_SHIFT+STOP_GAINED	6	1	4	2	6	0	6	6	4	
EFF=FRAME_SHIFT+STOP_LOST	14	3	8	3	13	0	14	14	8	
EFF=SPLICE_SITE_ACCEPTOR+CODON_CHANGE_PLUS_CODON_DELETION+INTRON	2	0	0	0	2	0	2	2	0	
EFF=SPLICE_SITE_ACCEPTOR+INTRON	46	13	21	22	34	0	44	46	32	
EFF=SPLICE_SITE_ACCEPTOR+INTRON+EXON	1	1	0	1	0	0	1	1	1	
EFF=SPLICE_SITE_ACCEPTOR+SPLICE_SITE_DONOR+INTRON	11	10	11	11	11	0	11	11	11	
EFF=SPLICE_SITE_ACCEPTOR+UTR_5_PRIME+INTRON	2	1	1	1	2	0	2	2	1	
EFF=SPLICE_SITE_DONOR+INTRON	45	10	24	23	31	0	45	40	36	
EFF=SPLICE_SITE_DONOR+INTRON+EXON	3	0	1	1	2	0	3	3	1	
EFF=SPLICE_SITE_DONOR+UTR_5_PRIME+INTRON	1	0	0	0	1	0	1	1	0	
EFF=START_GAINED	7	5	6	7	7	0	7	7	7	
EFF=STOP_GAINED+CODON_CHANGE_PLUS_CODON_INSERTION	1	1	0	1	0	0	1	1	1	
EFF=STOP_GAINED+CODON_INSERTION	2	0	0	0	2	0	2	2	0	
EFF=STOP_LOST+CODON_DELETION	3	0	2	0	3	0	3	3	2	
EFF=EXON	188	67	100	115	120		184	178	168	
EFF=UTR_3_PRIME	13773	4426	7669	6760	10183		13513	13357	12990	
EFF=UTR_5_PRIME	1638	541	943	790	1245		1606	1577	1567	
EFF=INTRON	60289	18670	28641	32406	42504		59415	58070	55237	
EFF=INTERGENIC	5378	1290	2688	3381	2443		5298	4784	4238	
EFF=UPSTREAM	8633	2529	4577	4179	6408		8518	8337	8021	
EFF=DOWNSTREAM	9953	2911	4977	4910	7259		9793	9612	9229	
ALSO found in dbSNP										
Broken down into										
Non-synonymous	1311	412	772	643	974		1288	1265	1246	
Synonymous	188	67	100	115	120		184	178	168	
UTR_3_PRIME	13773	4426	7669	6760	10183		13513	13357	12990	
UTR_5_PRIME	1638	541	943	790	1245		1606	1577	1567	
Intronic	60289	18670	28641	32406	42504		59415	58070	55237	
Intergenic	23964	6730	12242	12470	16110		23609	22733	21488	
ALSO found in dbSNP fraction	OK 101163 =101163/152342 0.664051936	OK 30846 =30846/101163 0.305	OK 50367 =50367/101163 0.498	OK 53184 =53184/101163 0.526	OK 71136 =71136/101163 0.703		OK 99615 =99615/101163 0.985	OK 97180 =97180/101163 0.961	OK 92696 =92696/101163 0.916	OK 73290 =73290/101163 0.724
VF Filtering	OK 152342	OK 41183 =41183/152342 0.270	OK 68974 =68974/152342 0.453	OK 73707 =73707/152342 0.484	OK 98564 =98564/152342 0.647		OK 147503 =147503/152342 0.968	OK 142898 =142898/152342 0.938	OK 134930 =134930/152342 0.886	OK 108220 =108220/152342 0.710



Synonymous
 UTR_3_PRIME
 UTR_5_PRIME
 Intronic
 Intergenic

121
7326
930
28891
12489

28	48	51	74
1499	2735	2728	3788
179	360	372	473
6084	9760	11945	16154
2319	4930	4957	6286

115	110	104	83
6707	6489	6046	5063
858	818	765	643
27092	26467	23845	19246
11757	10798	10227	8827

NOT found in dbSNP
 Broken down into
 EFF=NON_SYNONYMOUS_CODING
 EFF=CODON_CHANGE_PLUS_CODON_DELETION
 EFF=CODON_CHANGE_PLUS_CODON_INSERTION
 EFF=CODON_DELETION
 EFF=CODON_INSERTION
 EFF=FRAME_SHIFT
 EFF=FRAME_SHIFT+SPLICE_SITE_ACCEPTOR+SPLICE_SITE_DONOR+INTRON
 EFF=FRAME_SHIFT+SPLICE_SITE_DONOR+INTRON
 EFF=FRAME_SHIFT+START_LOST
 EFF=FRAME_SHIFT+STOP_GAINED
 EFF=FRAME_SHIFT+STOP_LOST
 EFF=SPLICE_SITE_ACCEPTOR+CODON_DELETION+INTRON
 EFF=SPLICE_SITE_ACCEPTOR+INTRON
 EFF=SPLICE_SITE_ACCEPTOR+UTR_3_PRIME+INTRON
 EFF=SPLICE_SITE_DONOR+CODON_CHANGE_PLUS_CODON_DELETION+INTRON
 EFF=SPLICE_SITE_DONOR+INTRON
 EFF=SPLICE_SITE_DONOR+INTRON+EXON
 EFF=SPLICE_SITE_DONOR+UTR_5_PRIME+INTRON
 EFF=START_GAINED
 EFF=START_LOST+CODON_DELETION
 EFF=START_LOST+CODON_INSERTION
 EFF=STOP_GAINED+CODON_CHANGE_PLUS_CODON_DELETION
 EFF=STOP_GAINED+CODON_CHANGE_PLUS_CODON_INSERTION
 EFF=STOP_GAINED+CODON_INSERTION
 EFF=STOP_LOST+CODON_CHANGE_PLUS_CODON_DELETION
 EFF=STOP_LOST+CODON_DELETION
 EFF=EXON
 EFF=UTR_3_PRIME
 EFF=UTR_5_PRIME
 EFF=INTRON
 EFF=INTERGENIC
 EFF=UPSTREAM
 EFF=DOWNSTREAM

13
119
59
162
120
809
1
5
2
31
6
1
33
1
1
25
2
2
9
5
1
1
3
7
1
3
121
7326
930
28891
3356
4384
4749

7	9	10	11
17	53	32	44
7	34	14	25
17	53	63	57
19	56	36	52
139	495	265	403
0	0	1	0
1	3	1	1
0	2	1	0
1	25	12	14
0	3	2	2
0	0	1	0
7	11	11	15
0	0	0	1
0	1	0	0
4	6	8	13
0	2	0	0
0	1	1	0
5	5	6	8
0	1	1	3
0	1	0	0
0	1	0	0
1	3	1	0
2	7	4	1
0	1	0	1
1	1	0	2
28	48	51	74
1499	2735	2728	3788
179	360	372	473
6084	9760	11945	16154
2319	4930	4957	6286
503	1623	1482	1145
831	1605	1588	2521
985	1702	1887	2620

13	13	13	12
108	86	101	85
58	36	57	42
150	130	117	116
112	92	101	85
784	577	735	624
1	1	0	1
4	3	5	4
2	1	2	2
31	19	29	28
6	4	5	4
1	1	0	1
32	26	27	21
1	1	1	0
1	0	1	1
22	23	21	14
2	0	2	2
2	1	1	2
9	9	9	7
5	4	4	2
1	0	1	1
1	0	1	1
3	1	3	3
7	4	7	7
1	1	1	1
2	3	3	2
115	110	104	83
6707	6489	6046	5063
858	818	765	643
27092	26467	23845	19246
11757	10798	10227	8827
3224	2503	2656	2657
4086	3991	3665	2938
4447	4304	3906	3232