Supplemental Table 1. SNP Frequencies and Information.

SNP Chr	Mb[a]	Sequence 5' to 3'	Allele A	Allele B	Frequency of Allele A in each ethnic group[b] AFA	SWD	WELRA	CEURA	EEURA	EAS	AMI	SAS	FIN	ITN	SPN	Informativeness for assignment (In)[c] WELRA/AFA	WELRA/M	WELRA/AS	WELRA/EA	WELRA/SPN	2657 SNP Set[d]	400 SNPset (IlleWELRSPN)[e]	768 SNPset (IlleWELRSPN)[f]
rs884080 1	1.90	GAGGGCTGCCCTCTGCAGGGGCCCTTGTGGTGCTCTGGACTACCTAGGTGTTTGGAGGTGGCTGGGGCAGTGGGGGGCCCATGCTGTCCTTGCCTTTTC	A	G	0.52	0.52	0.49	0.37	0.66	0.40	0.32	0.49	0.46	0.59	0.60	0.109	0.008	0.011	0.162	0.0032	1		
rs2017143 1	2.09	CAGGTGTCAAGTCCTGACAGAGAGGAGGCAGGAGGGCCACCTCCGGGTCTCTGAGCTCCCTGCCTACAGAGAGCGCTCAACATAACAGAGGAGCTGCATCTCTAGCCTCTGGT	A	G	0.69	0.41	0.48	0.41	0.54	0.64	0.61	0.44	0.50	0.39	0.39	0.014	0.001	0.010	0.005	0.0057			1
rs2196531 1	2.16	GCTTCCAGCCCGGCTCAGGCTCATTTGGCTTGAATGGTTCTGGCTGAGTGTGGCAGCGGAGGGCGGGGTTCTGCAGCGCAGGTTCTCCAGCACATTTCTCCAGCACCTTGGT	A	G	0.05	0.18	0.18	0.13	0.35	0.32	0.59	0.21	0.13	0.16	0.014	0.088	0.000	0.014	0.0004				
rs2477703 1	2.30	GGGTGGAAAACTCATCTGTTGGTCCTCCAGCCTGCTCATGGTGTTTTAAACTCAGGTTAAGTTCTGAATCTTCCTTTCCCACCAGTGGTACTACGTAAATAACTGCGTTTGT	G	G	0.93	0.76	0.75	0.59	0.71	1.00	0.84	0.82	0.79	0.78	0.70	0.031	0.006	0.001	0.096	0.0022			
rs734089 1	2.38	TAACTATGGCCTGTTGATCTGGGTTCCACACATAAGTCTGTTGGTCTCTTTCTCTC

rs1330225	1	108.10	ATCTTATTTATTTATTTATTTATTTTCGACGTCTCCCACTAGAATACAAGTTATGCAGNGACAGGAAGTTGTTGTTTGTTTGAGCTTGTTGTTTAACATTATTCAGAGTCT	A	G	0.38	0.72	0.71	0.78	0.63	0.95	0.93	0.74	0.85	0.66	0.58	0.054	0.042	0.000	0.060	0.0390	1	1	1
rs1888181	1	108.21	AGGGCTTTGGTATGTATCATTTTAATAGCTACATCTATGTAAAGCAATTGAGATTJAGTTCTTCTTCGCTTTGAATCAGTTGAGCTTGGTTAGTATTATTAGTGTTCTATT	A	G	0.71	0.57	0.55	0.52	0.54	0.64	0.81	0.52	0.36	0.49	0.58	0.027	0.085	0.000	0.117	0.0008			
rs2031504	1	108.41	TTAGTTATTATAATAAACAAAATGGAAATGTGATTGTTTAAAGAAAAAGTACJAGTTGATTTACACGACAGCTTTGCAAGTCCAGCAATTTGTAAGGAAACAAATTAGATGTCAATGA	A	C	0.62	0.42	0.39	0.41	0.54	0.05	0.07	0.32	0.43	0.48	0.52	0.031	0.062	0.003	0.087	0.0040			
rs1020812	1	107.84	GCTGAAGGACATCTTCCAAGTTTTTGGGGAAAAGCTTTGCTTTTTGGGTTTTGGTTTTTGGTTTTTGGT

rs9465001	1	243.57	TAATTAAAACTATAAACAAGACGGAATGTTTAATCTACTTGAGGCAAACCAACAAGCGGTGTTTTCAAGTACTATGAAATCAACATAAACTAGGAAAACACCAATTGAAATTATTT	C	G	0.81	0.47	0.52	0.57	0.48	0.36	0.33	0.54	0.46	0.67	0.59	0.042	0.044	0.000	0.020	0.0005				
rs3124118	1	243.65	AGCACTAGCTCCCTACCACTAGTGGGGTGGAGAGAAATCAGCATTACTGGAGCGGATGTCCTGGGGGTCCTCACCTTCCTTCTTCTTCCTTCTTCTTCTTCTTCCTTAACCAGAGTA	A	G	0.28	0.27	0.31	0.26	0.00	0.01	0.19	0.25	0.32	0.27	0.04	0.123	0.010	0.147	0.0073	1		1[9]		
rs4130648	1	243.78	CCAGGTTAACTAAAGAATGACACTGAAACCATAAGGTAACTCCTTCTGATTACACACAJAGGAACTTATTGCGTGATGGCGGGAAAGCAACTTCTATGACCCAACAAGTGTAAACCA	A	G	0.31	0.45	0.39	0.48	0.31	0.20	0.46	0.44	0.46	0.45	0.42	0.003	0.004	0.015	0.016	0.0004				
rs6688227	1	243.96	TACTGAAATTCCTCAGCTGGCTGGCTG

rs870560	2	99.94	ACAGTACTCCAAAAGCAAGTGTGAGAGATGCCTATCTAGAGATATTGTTGCACAGAGAGTTGATGGTCAGAGAGTTCAGAGTGGGCTAGCTCTTGAAAC	A	G	0.43	0.58	0.48	0.59	0.52	0.05	0.40	0.48	0.46	0.47	0.47	0.000	0.003	0.000	0.118	0.0001		
rs1519662	2	100.77	CCTCCTCTGCACCTGCAGGTCTATATGATGATGATCGTCTGTCGTCCTTAGTCTTGAGCTCCTTAATAGCAGGATTGTTGTTCTGCTCCAAATATT	A	G	0.95	0.53	0.53	0.43	0.37	0.00	0.95	0.81	0.57	0.47	0.51	0.150	0.175	0.071	0.237	0.0002	1	
rs1567804	2	100.97	CCACTCCCTCTCAATACACCCTGCTTATTTCTCATTAACTGGATCTCGAGGGCAGCCGGAATATCGATTAACTTAGGGGTTAATTTGTGTGGTTCTGATTAGTCAAGATTTTCT		G	0.69	0.26	0.32	0.33	0.30	0.61	0.65	0.44	0.36	0.32	0.37	0.076	0.065	0.013	0.051	0.0053		1
rs882272	2	101.20	TGATAGTTTCATATCTTCTCAGGCATCGTCACAGGTTGTTTTGTTTGGAGGAAGTGCCGAGAAGCTATTTTGTTGGAGGAAGTTCTGTTTCTCTTCTTCAGTTCTTCTTC

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rs1051447	4	48,98	TATTTTTTTAGATTGGATCCTACAAAGAAGGACACAAATTATGAAAACAACCATAJAGATTTTCATATGAATACTCCCAAATACTTTTTATGAAACATTTAAAACAAGAAGTTATTGGI	A	C	0.26	0.74	0.73	0.78	0.79	0.36	0.84	0.53	0.79	0.79	0.69	0.124	0.005	0.052	0.089	0.0010										
rs2251160	4	52,80	ATAGTAATCAACCATGTAGTTTATACAAATGACAACCAGTTACACTAAACCAJAGTGACCCTCCAACTCTATGAGTTAAAAGATTTAACTCACAAAAGAGGCTCTTCTATTTTC	C	G	0.19	0.49	0.61	0.67	0.61	0.23	0.64	0.24	0.46	0.60	0.59	0.083	0.000	0.073	0.083	0.0003	1									
rs899634	4	52,84	TCTGCGAGTAGGGATGCTGAAGGATAACCCTTGACTTCTGAACAGTGAGATAAAAJAACGAATCAGAAACTCCCAGAGAAGAAGAGGACTTGATTTTGGTAGACTGATAGAGT	A	C	0.21	0.48	0.61	0.67	0.61	0.23	0.64	0.28	0.46	0.63	0.61	0.072	0.000	0.088	0.083	0.0000										
rs751366	4	54,05	TATATATGTTTATATATTATCACCACAATAACCCTCCTCACCACAATAACCCTCCTCACCACAATAACCCTCCTTTAAGAGACAAGTGAAAACAGCATAAAAGTAGTGGGTTTGCTAATGCACAATTTTTC	G	A	0.50	0.55	0.56	0.61	0.66	0.39	0.59	0.54	0.57	0.80	0.57	0.171	0.000	0.148	0.160	0.0000	1									
rs884905	4	55,14	TGAGGCTTTCCACCAAGTGCTTGGAATTTCCTTTCTTGAACATCCTTTAAGCTTCAGATCCCATTCCCCTCTCCACCTCCTTGACTCCTCTCCTCCTC

rs539718	5	4.80.5TGTACCAGTTAGCTAGGGTGTCATAAATATCCACAAACTTGGGAACTGCAAACAJAGTAACTCTTTATTACTGCTCAGCAGCCTATGAGCCAGCTGGGCTCACTTATGTGATCA	A	G	0.64	0.07	0.08	0.06	0.09	0.00	0.00	0.04	0.00	0.06	0.05	0.209	0.018	0.005	0.018	0.0046			1	
rs995937	5	4.28ATATCTTGTTGCTCCTTCTGTGACATGCTGGGTCCATGTGTGAACTGAJAGTGATCGAATGATTAAACTGGTCTGGGGAGCTTGATTAATTTTTCCCTCCCCTACCACTGTT	A	G	0.33	0.26	0.25	0.28	0.25	0.50	0.26	0.42	0.27	0.31	0.35	0.004	0.003	0.030	0.034	0.0042				
rs261198	5	4.45.ITGCAAGGAGCAATGCTCTTAAATTCCCGTACCCCTTAACCTCACAACTTCCCAACTAGGTTTATTAACCACCTTCTCCCAAGGACAGGAGGCTCAGGGGGCTCAGAGGT	C	G	0.83	0.93	0.87	0.90	0.95	0.73	0.80	0.83	0.92	0.90	0.85	0.000	0.000	0.000	0.000	0.009	0.0001				
rs2828889	5	4.63.ITGCCAGGATAGCTAGCCCGGGGATATGGCGAGGGGAGTTATAAAATCAGCTCAGGCGGGTTTCGGCAGGGAGAATCTGAAGAGGGGCACATTGTCCAAAGGGGGCACATTGTCCAAAGGGGGCACATTGTCCAAAG

rs1864003	5	141.81	CATCCTAACTGACCTGTTGCTACTTTGCAGAAACGAGCGTAGAAAGGCCACAGTTTTGGGGAGCTAGCCCTGAGCTCACTGGTCGACACGAAGGGCTCTATCCAAGTAATC	A	G	0.83	0.42	0.43	0.52	0.48	0.73	0.32	0.64	0.50	0.52	0.51	0.118	0.002	0.038	0.064	0.0026			
rs33388	5	142.73	TTATGGGTGAAAGTCATGGATGGATTATGAGTTAATTTCACACACCTAGAGAAGCATGAAAATGTGCAGGTAAATTTCGCAGGTAAATTTCACCAACCTTCATTCAGGCACCTTGA	A	T	0.55	0.52	0.53	0.52	0.50	0.23	0.18	0.48	0.35	0.53	0.43	0.000	0.090	0.086	0.060	0.0087	1	1	1
rs964727	5	143.32	CTTCATCTCTGAAAATGAAAGGAATAACTTGTGAAAAATTATGATTGCCATTTTTATJAGTGTAATGTAGGGTGTATGTATAGGGAAAAGCAGTTTGATGTAATCCTGTAATACTTTTJ	A	G	0.57	0.15	0.19	0.13	0.14	0.41	0.13	0.35	0.32	0.16	0.20	0.080	0.003	0.017	0.038	0.0000			
rs29800	5	143.7	ACACTTCGATTCTGGGCTCCAAGGGCCCCCACCGGTGATTTCATTCGCTCCCCTCCTGCTTTCTTTTTCTTCTACTGCTCCATATTTCTGTTTTTCTTCTACTGCTCCTGGCCAGCGTCATAC	T	G	0.79	0.72	0.70	0.72	0.73	0.97	0.90	0.98	0.89	0.87	0.67	0.007	0.038	0.059	0.003	0.0010			
rs248771	5	145.47	GTGTGTGTGTGTGGGGGAGGGTGGAGGGGAGGGTACAGGAAGGGTGATGGGGGAGGGCATAGGTTGGGGGAGGGCATAGGTTGGGGGAGGGCATAGGTT

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rs1881114	7	0.67	ATGATCTGTAGGCAAACCCTAGTCACTAGTTTACCTATATACCAAGCCTGCACAGACGGGACCTGAGGCTAAAATAAACATTAGCATATTTAAAATAAATCAACAAAGCCTGCA	C	G	0.40	0.34	0.42	0.37	0.43	0.50	0.38	0.38	0.36	0.43	0.41	0.000	0.001	0.001	0.001	0.005	0.0000	
rs1057558	7	0.81	GAGGAAGTAACTGGGGGGAGGGAGCACGGTTGGGGGGGGATTCACCTTAAAGAGGATTTAGAGGCTTGTTTTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	G	G	0.76	0.82	0.80	0.76	0.84	0.91	0.88	0.79	0.85	0.85	0.001	0.016	0.017	0.015	0.028	0.0000	
rs11330043	7	0.38	CGCAGTTGTCCCCAGCTGTTATTCTGTAGAAACAAATTCGTCAGCCACACJCGGTGCTGGAGTATTTCATTGTCCTGGCACCCGACTAACCCCACACGGCACCT	G	G	0.81	0.68	0.61	0.65	0.64	0.23	0.57	0.60	0.64	0.59	0.66	0.018	0.001	0.002	0.083	0.000	0.0000	
rs1543885	7	0.90	CAGCGTAGCTGGGGCGGAGTCAACCCTCTTCTCTATATTCTCCGCGCCAGCTCTCCAGCCACTGCATGGCACCCTCTCTCCTCATCCTTGCCTCTCCTATCCTTGGCTCT	C	G	0.14	0.32	0.39	0.35	0.34	0.39	0.38	0.31	0.39	0.38	0.027	0.000	0.000	0.000	0.047	0.0002	
rs1362136	7	0.25	GACGCCTGGCTCCCATGATGCACAACTTACTTATTTGTTCAATCCCCAGTGTTCAGCTTCTCTTCTCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	G	G	0.53	0.26	0.27	0.32	0.23	0.83	0.44	0.18	0.30	0.22	0.041	0.126	0.016	0.254	0.0003	1	
rs798485	7	2.55	ATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.14	0.28	0.27	0.29	0.20	0.38	0.18	0.18	0.21	0.13	0.013	0.038	0.004	0.016	0.0000		
rs1044701	7	4.05	CCGAACACAGCACCAGGTCAACTCCGCGGGACACGAGGACACGGGACGGGCAGTCTCCAGAATTGCTTGTTAGGTAGGAAGCGTGGCATTGTTAACCAGAGTAT	A	G	0.19	0.41	0.50	0.46	0.29	0.82	0.73	0.45	0.18	0.43	0.38	0.045	0.040	0.001	0.076	0.0092	1	1
rs1470539	7	4.25	AAGTTATAATCTCTCAAAGAATCAGGGGCATCTTTCTTCTTATATTCTCTCCAGTTTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.74	0.66	0.59	0.59	0.61	0.86	0.65	0.61	0.79	0.57	0.69	0.011	0.002	0.001	0.042	0.0054	
rs1553960	7	4.64	GATCTGTGAAAGACTGGATATCATAGGGTGAAGATCAATGCTGGAAGATTTCAGAG	TGGCTTTTTAGCCCTTTTAACCCAATTCTTCAGCTTTTTAGCCCTTTTTCCTTTTTTTTTTTTTTTTTTT

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rs1872283	B	107.77	AGTCCTGCATCTTGATTCATGCCTGTATTCTCACACATCATGAGCTATTTGCTGAGGTTTGGCAAAGGACAAATTAGGGCGGAGGATGGACATTTCTCAGGGAAATTTCAGCTC	A	G	0.81	0.61	0.63	0.77	0.50	0.64	0.50	0.63	0.46	0.72	0.64	0.525	0.008	0.000	0.000	0.000	0.0000	1													
rs1354728	B	108.08	GGCAGTACTAAAATAATTCTGCCTCCAACTTCCAACTATGGTTCTCAGGAGGTCATATGCTGGAACCTTTTACTCCTAACTGAGAAGTAC	A	G	0.90	0.60	0.64	0.57	0.59	0.95	0.51	0.86	0.57	0.67	0.68	0.040	0.008	0.043	0.076	0.0002	1													
rs1370294	B	108.71	TAAAATAGGGCTTCTAAAACATAGTCAGNCATTTGGGCTCCAGATTAGGGTGGAGCTGAGCTTGTAACATCAAGTTCTTTGTGACCTGCAGTTGAACAGAGTTTGGAAAGTCAG	A	C	0.21	0.52	0.47	0.39	0.41	0.59	0.06	0.39	0.43	0.41	0.47	0.015	0.087	0.006	0.018	0.0005	1													
rs1457210	B	109.22	CAATCATGTTTTACCCTGGCTGTTTAATCACCTTCCCTTACCACACAGGCTCCTCAGCTAACTGTTGCTCCTCCTCTCT

rs1013324	9	118,384	CAAGGTAGCTATTCATTGCAGCTACAGGTGAGATCAATTTGTCCTCTAGGAGATAG	A	G	0.57	0.19	0.14	0.21	0.21	0.00	0.04	0.11	0.18	0.15	0.15	0.127	0.005	0.001	0.031	0.0002	1			
rs769012	9	119,61	CCCTGAAGATGACGAGTTTGCTGGGTANAGATAGTCTCAGGCCTCTTCCCTCTAA	A	G	0.45	0.60	0.62	0.57	0.69	0.55	0.61	0.76	0.68	0.57	0.48	0.018	0.000	0.003	0.003	0.0130	1		1	
rs856338	9	119,71	GGGCTGACCTGACCCAAGCTGGGATGAGGTCGCCCTGCAATTACCACCTCTTCCG	A	T	0.69	0.76	0.74	0.70	0.75	1.00	1.00	0.91	0.75	0.75	0.64	0.001	0.106	0.020	0.106	0.0043				
rs4679	9	120,29	CTGGGCCGCCATCATATGGAGCTCAATGTGATAAGCCCACAAGGAAGTTTATGCTC	G	A	0.14	0.63	0.65	0.61	0.46	0.27	0.24	0.61	0.61	0.59	0.123	0.083	0.012	0.073	0.073	0.0015	1			
rs913932	9	120,33	TGGGGGCCAGGCCCTGGGCTCTGATCCCCAAGTGAACCCCTGGTGGATCTGGAGCA	G	A	0.48	0.57	0.51	0.50	0.61	0.77	0.97	0.54	0.57	0.46	0.54	0.000	0.181	0.002	0.056	0.0001				
rs917783	9	121,7	TACCGCGCCACATCAGGCTGGGCCCGGCCTGGTTCCTGATGCCAATTGCTCCTGATG	A	C	0.67	0.60	0.58	0.51	0.61	0.58	0.28	0.54	0.66	0.58	0.06	0.050	0.008	0.000	0.000	0.0000	1			
rs2148742	9	122,35	AGAATCCCAAACTAAGATATGAGATAAAGATTCCCAGAGACCTGGCCTCAGCAAC	A	C	0.38	0.67	0.73	0.67	0.71	0.64	0.71	0.60	0.71	0.73	0.73	0.099	0.005	0.021	0.014	0.0004				
rs1984001	9	122,51	GTTATATTTGGTTGTTACATCTTGTCGTATCTCGTTTCTCTGGGGGCAAAGCGATGT	A	G	0.62	0.40	0.42	0.49	0.38	0.77	0.59	0.38	0.45	0.42	0.42	0.020	0.015	0.058	0.074	0.0006				
rs12009	9	123,37	TAACCCTATTGCCCCAGGGTACCAGCACTGTAGGTCATCTTTAATGGCTJAGTTGG	G	A	0.40	0.56	0.56	0.50	0.57	0.45	0.98	0.52	0.71	0.54	0.61	0.015	0.140	0.000	0.006	0.0013	1			
rs12055352	9	124,29	TCCTGGTCACAGAAGGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG	A	G	0.50	0.40	0.50	0.35	0.54	0.23	0.30	0.38	0.49	0.42	0.46	0.094	0.010	0.014	0.041	0.0022	1			
rs741028	9	124,56	AGTAGATCCTTTTCCTGTATCTTTCACTAAGACAGTTGGCTCCCATCATGCGCTC	G	C	0.65	0.56	0.56	0.55	0.77	0.38	0.51	0.50	0.53	0.61	0.007	0.010	0.003	0.033	0.034	0.0025				
rs1339890	9	124,75	GCCCGGGGATCTTCTTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.69	0.73	0.73	0.69	0.73	0.58	0.50	0.27	0.73	0.61	0.61	0.036	0.110	0.036	0.012	0.0000				
rs852493	9	125,01	GATATATAAAATTAATAAATAACCTGACCAGTCTAGAAGACCCATTCAAGGAGCA	G	A	0.17	0.08	0.14	0.16	0.02	0.00	0.01	0.07	0.18	0.14	0.001	0.024	0.021	0.041	0.001	1				
rs947626	9	126,15	CACAGATCTGGGCCTGGTTTCTCAGAGCCTTTCTCAGCTGTCTCTGTCTCTGTCT	A	G	0.40	0.15	0.15	0.15	0.39	0.27	0.27	0.27	0.27	0.69	0.69	0.000	0.102	0.144	0.040	1				
rs878400	9	126,28	TACTCGGCTCCTAGAAGCCTAGCCAGTCACCTCCTGCCAGCCTTCAAACAGAGGT	G	A	0.21	0.51	0.58	0.62	0.59	0.59	0.77	0.63	0.57	0.54	0.65	0.076	0.032	0.001	0.001	0.0053			1	
rs751340	9	127,07	CCTGGGGGTGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGA	G	A	0.14	0.63	0.65	0.61	0.46	0.27	0.24	0.61	0.61	0.59	0.123	0.083	0.012	0.073	0.073	0.0015	1			
rs913275	9	127,29	GGGGGCCATTGATCTGGGAGCCTGGATTCCTCTTGGCCCCAGGCGCCAATGGCTC	G	C	0.38	0.71	0.70	0.68	0.75	0.68	0.57	0.66	0.71	0.69	0.69	0.056	0.010	0.000	0.000	0.0002				
rs12209789	9	127,63	AGGGGATTTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCC	A	G	0.07	0.40	0.42	0.44	0.39	0.18	0.14	0.58	0.45	0.42	0.072	0.009	0.008	0.023	0.0004	1				
rs1054879	9	128,37	TTCGGCACGCGGAGAGGCTGTGGGTGGGGCCGAGGGTGTCTAGGGGTTCTGCCTJAGJGTCAACGTTATTTGTGTCCCATCTTTTGGCAGCAAAACCACCTGCGTGG	G	A	0.26	0.50	0.50	0.55	0.41	0.09	0.30	0.60	0.64	0.55	0.49	0.026	0.019	0.010	0.097	0.0001				
rs818053	9	128,24	GGGTGGGGAGGGGCCTCACCTGACCTCTGGTTCAGGCTCGAGGCAGCAACTCATC	A	G	0.74	0.49	0.48	0.50	0.64	0.71	0.33	0.57	0.54	0.61	0.53	0.030	0.012	0.014	0.027	0.0015	1			
rs818052	9	128,25	AGCTTCTCAGCTTAGGTGAAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCA	T	G	0.26	0.52	0.50	0.50	0.36	0.55	0.97	0.52	0.70	0.41	0.47	0.035	0.012	0.011	0.001	0.0025				
rs735107	9	129,47	TATAGATATATAATTGCTTTTTTTTCTCCAAAATATGTCTCATTTTTACAAACAG	G	A	0.45	0.60	0.61	0.62	0.73	0.50	0.48	0.61	0.54	0.67	0.65	0.022	0.024	0.004	0.018	0.0022				
rs585325	9	130,63	AAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	A	G	0.56	0.56	0.51	0.51	0.59	0.27	0.27	0.61	0.73	0.76	0.60	0.027	0.074	0.000	0.003	0.0032	1			
rs845396	9	130,84	AGGGGCCAGCCGCCCCAAGATAACAGTTCTAGTCACAGGCTCCCTCACACTTCTC	T	C	0.57	0.41	0.38	0.48	0.34	0.59	0.78	0.43	0.39	0.33	0.43	0.027	0.079	0.004	0.024	0.0034				
rs215156	9	130,94	TTTCTGAAGTTAAATAATCATCCTCTTTTCACTTGTCTGATTTTCTCCCCTCTCA	G	A	0.45	0.33	0.33	0.40	0.27	0.23	0.23	0.36	0.41	0.37	0.31	0.013	0.013	0.020	0.020	0.0002				
rs886017	9	131,26	CTTCACCCCTTGGTGAAGGTCCGGTTCTTCGAGCAAAGTCATAGTTGGCAAGGT	G	A	0.43	0.51	0.52	0.61	0.55	0.64	0.71	0.66	0.54	0.49	0.47	0.003	0.024	0.004	0.008	0.0032	1			
rs12335	9	131,47	CCCTCTGGTTCTGGTCACATCCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTC	G	A	0.46	0.46	0.46	0.50	0.43	0.55	0.64	0.51	0.58	0.58	0.56	0.012	0.012	0.010	0.007	0.0027	1			
rs1611122	9	131,85	CTGACTGCCTAGGTTGGGAACAGAATCAGGACCCACTGGAGGGCATAAGGTCTGC	G	C	0.55	0.55	0.46	0.45	0.48	0.91	0.94	0.72	0.77	0.55	0.44	0.010	0.209	0.041	0.156	0.0000	1			
rs877954	9	132,17	CTATAGCAGGCTTTGGAGCCAGGCAACACACCCCTCTCTCTCTCTCTCTCTCTCT	G	A	0.79	0.35	0.37	0.29	0.38	0.18	0.14	0.48	0.35	0.41	0.124	0.002	0.047	0.008	0.029	0.0029	1			
rs914400	9	133,71	AGTCGGGGCTGAGACACATGTTCCAGAAGAAATGCCCTTCTCTGCAGAAGAGGT	G	A	0.24	0.45	0.45	0.41	0.43	0.36	0.23	0.52	0.46	0.42	0.41	0.025	0.025	0.008	0.002	0.0003	1			
rs905842	9	133,91	CTCACAGGGGGCTCATCAGGAGTAAGTCTGGGCTCTGGGCTGGGGGCTGGGGGC	G	A	0.50	0.06	0.08	0.04	0.07	0.76	1.00	0.84	0.95	0.95	0.95	0.000	0.000	0.000	0.000	0.0009				
rs710411	9	134,80	GTAGGGGCCCTTCATTGGGAGGTTGAAAGCATCTGCTGATGCTGCAAAGCTCAG	G	A	0.38	0.62	0.59	0.61	0.73	0.65	0.17	0.58	0.62	0.58	0.67	0.035	0.130	0.004	0.000	0.0023	1			
rs945383	9	134,98	AAGCAGCCTTGGTTTTAAAAACTGATTTTACAAAAGCCCCATGGGAGAAGGCAT	A	G	0.28	0.59	0.66	0.62	0.58	0.66	0.66	0.66	0.25	0.18	0.17	0.005	0.032	0.000	0.000	0.0027				
rs908831	9	135,18	ATATAGAAGCCCAGTATGTTAAAGACAAAACTTCACAATCATTAGACGGAAACATGACAGTGGTTTCCAGGCCTCAGGGGAAGGTCAGGATGTTCTGAGCTCAGGTGGTCTGTCTGAGCTGAGCTCGGAAATGAGA	A	G	0.57	0.61	0.61	0.59	0.66	0.86	0.40	0.74	0.71	0.61	0.55	0.000	0.010	0.000	0.071	0.0009				
rs1018330	9	135,34	AGCGGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	G	A	0.74	0.75	0.76	0.75	0.74	0.35	0.35	0.77	0.61	0.73	0.76	0.003	0.054	0.000	0.003	0.0004				
rs7028989	9	136,13	ATGAGGTTGGAAGGAAGGTCTGCATGTAGTTATCATGAAGCCATGGATGGAATAA	G	A	0.60	0.12	0.13	0.20	0.07	0.55	0.06	0.29	0.18	0.14	0.16	0.118	0.007	0.038	0.113	0.0001	1			
rs7809423	9	136,17	GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	G	A	0.74	0.76	0.15	0.14	0.13	0.58	0.55	0.21	0.14	0.17	0.196	0.007	0.028	0.000	0.104	0.0003				
rs765374	9	136,22	CCTAGCAGGAGCACCTCAAGGTGGTGCAACAGCTGATCACTCCCAAATTCCTCTGTGCTCCCTTGAGTGGACCCTTGGTCTACTGGCAGCCTCTCCCAACCATGATGTGTTT	G	A	0.52	0.14	0.51	0.62	0.54	0.30	0.71	0.52	0.61	0.45	0.45	0.107	0.021	0.000	0.024	0.0000				
rs7909026	9	0.13	AAAAAGAAATAAAAAGTCTCCGCACAGTATTCTCATCATTGCCACAAATGCCAGA	A	G	0.92	0.70	0.73	0.73	0.88	0.97	0.74	0.71	0.57	0.56	0.56	0.005	0.000	0.000	0.000	0.0027	1			
rs1476130	10	0.23	TTATTGAGACACAGGTTGGTATCTCTTCCCCTCTCTACATAACACTTGTTCTCTC	A	T	0.45	0.33	0.35	0.24	0.45	0.23	0.23	0.56	0.41	0.42	0.002	0.007	0.004	0.002	0.0013					
rs2018975	10	0.27	CCCCAGCAGTGCATCCTGCTGTCTCTGCTCTGAGCTAAACTGCAGGGAACCCCCJAGCCTTTAGGGAGCCTTTCATCCCAGGAACCCCAGCAAACACCTAGGCTCCAGTACTG	G	A	0.36	0.38	0.31	0.32	0.21	0.55	0.64	0.42	0.32	0.28	0.23	0.000	0.050	0.002	0.019	0.0042		1		
rs6566842	10	0.45	GGGGGGCCTCATGAGTGAAGTCTGAGGAGAGTAAAAGGAAAACAGAGCCTGATT	G	A	0.50	0.06	0.08	0.04	0.07	0.76	1.00	0.84	0.95	0.95	0.95	0.000	0.000	0.000	0.000	0.0009				
rs816570	10	0.63	TTTACTAGAGACGGTTCATTCTAAGGACGTTTGTCAGTAGTACTAATTGGTJAGT	G	A	0.07	0.26	0.35	0.26	0.41	0.05	0.18	0.24	0.35	0.30	0.45	0.077	0.023	0.010	0.086	0.0046				
rs1057304	10	0.81	CTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	G	A	0.79	0.55	0.52	0.52	0.57	0.77	0.56	0.38	0.60	0.62	0.055	0.018	0.005	0.000	0.000	0.0009	1			
rs1029182	10	1.92	TCTTCTGGTTTGTGAGGAGTCTGAATTGGACTTCCGCAGAGAGAATCCCCJAGCACCCCGTTCAAATTAAGGTTGGTTCCTCTGGGGGAGGCTGTGGGTCTGTCTGTTCTCAG	G	A	0.50	0.68	0.68	0.70	0.61	0.59	0.50	0.57	0.75	0.71	0.67	0.019	0.014	0.005	0.004	0.0000	1			
rs729367	10	2.49	GAAGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	G	A	0.62	0.20	0.34	0.34	0.75	0.25	0.25	0.25	0.28	0.30	0.30	0.005	0.105	0.017	0.004	0.0000				
rs729260	10	2.49	AGAAAATTCCAGACAAAGACTGTGGAATGTATTCCAGTTTTACCATTCAGGTTA	G	A	0.79	0.60	0.67	0.67	0.52	0.64	0.83	0.74	0.50	0.62	0.73	0.008	0.005	0.016	0.005	0.0014				
rs4328141	10	2.84	GATGTCCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	G	A	0.12	0.80	0.55	0.54	0.71	0.64	0.42	0.69	0.50	0.55	0.111	0.060	0.015	0.000	0.000	0.0000				
rs7084192	10	3.01	GAAGGGGTAGAACCTTACACCCTTGGGTAGGGATGTTAAGGTTCATTGAAGTTGAGAGGCCTCCAGTGCCAGCTTCCCTGACCCCCAGGGCCTGGAGTCATGCCCCCACC	A	G	0.69	0.14	0.13	0.09	0.13	0.09	0.02	0.20	0.04	0.16	0.18	0.197	0.013	0.220	0.000	0.0023				
rs381495	10	3.10	GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	G	A	0.23	0.26	0.28	0.23	0.32	0.27	0.27	0.27	0.27	0.69	0.69	0.000	0.102	0.144	0.040	0.0000				
rs735155	10	3.33	GGCTGAAGGGTCGGGCAGGTGCTGGGCCGGGCTGGAGAGGGAAGCTCTGGGGCT	G	C	0.40	0.47	0.43	0.49	0.57	0.86	0.52	0.59	0.39	0.45	0.48	0.000	0.002	0.021	0.124	0.0009				
rs705466	10	3.60	CTCACTCCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	G	A	0.45	0.33	0.33	0.40	0.27	0.23	0.23	0.36	0.41	0.37	0.31	0.013	0.013	0.020	0.020	0.0002	1			
rs3750858	10	3.76	TAGCAGAATGGTGGTCCAAGGAAGGCTTCCAGCAGGGTGGTGGCTTATTATATTJAGCCCTTTTTATTCAGCCCCATCCTGGGCATTTATCTCTCGCAAGGTTGTGAGATGAACA	G	A	1.00	0.78	0.84	0.85	0.91	0.95	0.91	0.95	0.86	0.90	0.91	0.063	0.004	0.017	0.019	0.0076		1	1	
rs203153	10	3.86	ATTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT	G	A	0.57	0.20	0.20	0.09	0.09	0.09	0.09	0.09	0.09	0.11	0.25	0.22	0.067	0.019	0.005	0.009	0.0009				
rs313476	10	4.54	ACTGTGCAAGATAATCACAGGATATCAGGTGAGTCTGCTTGAGAAGGGTAAGCCTACGTTAATCTTTTCTAGAATCAATAGAATTAGGGACTTATAATTCTGCAATGATTTAAT	G	A	0.73	0.60	0.56	0.43	0.61	0.91	0.86	0.78	0.63	0.60	0.56	0.027	0.074	0.033	0.103	0.0002	1			
rs1983181	10	4.62	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	G	A	0.28	0.22	0.21	0.20	0.08	0.10	0.07	0.07	0.27	0.27	0.001	0.015	0.004	0.000	0.011	0.0011				
rs4750217	10	5.71	CTCCCCCGCTGCACTGAAATCAAGAGCGATAGAGCTGTGTTTCTGATTAAACACAGGGAGGATCTTCTCTGCGCCCTCAGCAAAGATCCACTCAACTGAGGATACCTGGATG	G	A	0.45	0.61	0.58	0.56	0.48	0.55	0.36	0.57	0.54	0.61	0.65	0.005	0.032	0.000	0.001	0.0033	1			
rs713598	10	5.88	CACTTGCTTTTGGGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	G	A	0.31	0.61	0.61	0.64	0.41	0.91	0.88	0.78	0.64	0.57	0.56	0.032	0.032	0.025	0.078	0.0000				
rs591510	10	5.95	TGTGAATCTTTGCTGTTGTTTCTCCTAATAAACTGGTACGAGCAACATTGAGCAGACAATTGAGCAGACAATTGAGCAGACAATTGAGCAGACAATTGAGCAGACAATTGAGCTTTGCTTT	G	A	0.79	0.60	0.62	0.70	0.23	0.17	0.17	0.58	0.59	0.54	0.59	0.119	0.209	0.000	0.000	0.0000				
rs1867027	10	6.12	GAGCAAGAAGTTCATCCAGTACCAGTCAGGCCAATATCCCAAATTAGCATAACTGAGCTCAGAATGCCAGAGGGCATCAACAACTCCTCTTGACAACGGGTTGGTAGAAGAATC	A	G	0.31	0.18	0.23	0.20	0.21	0.18	0.19	0.35	0.11	0.20	0.26	0.003	0.000	0.008	0.000	0.0006				
rs2031220	10	6.30	CCATTCTGGGGATTCAGGCATCATCACACTCCTGGTCTTCTCTCTCTCTCTCTCTCT	G	A	0.63	0.33	0.35	0.35	0.33	0.27	0.27	0.27	0.28	0.25	0.340	0.023	0.004	0.000	0.031	0.0011	1			
rs3793730	10	6.53	ACATGTTCAAGGCTGTTGTCACATCTTGACTTCGGCTTTCCCAAAGTCAATAAGCCGGAAACAATGAATGACGTTAATTTTTAGCAACTGTAGTAGTACTGACATCTCAGTCAA	G	A	0.90	0.84	0.87	0.84	0.98	0.95	0.75	0.97	0.77	0.94	0.94	0.088	0.002	0.019	0.021	0.008	0.0001			
rs1041226	10	6.65	GGAGGAGTTTGAGACAGCAGCCAGGCTGGTCATCTTCAGGTTCTGGGAAAGCTCGTGGGCCTCCAGAATGTCAGGTCTGGTCTCCAGAATGTCAGGTCTGGTCTCCAGAATGT	G	A	0.18	0.18	0.18	0.18	0.13	0.37	0.23	0.08	0.17	0.41	0.184	0.009	0.001	0.000	0.000	0.0000				
rs2439903	10	6.84	GAATTCTGAAGCTGCAAGGGGAAGGACATAGGAAAGGTAAGCTGGAGTCATCGAAGAAGGAGCTGGGTGAGTTTTCTGCAGTGTGGACATGGGCTTCTGGAGACCCGGGTTAGAGT	G	A	0.21	0.02	0.02	0.04	0.02	0.00	0.07	0.09	0.04	0.04	0.05	0.052	0.007	0.019	0.007	0.0017				
rs747368	10	7.07	TCTCCTTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	G	A	0.63	0.32	0.28	0.28	0.37	0.59	0.58	0.44	0.58	0.53	0.62	0.004	0.027	0.020	0.000	0.0027	1			
rs924232	10	7.17	AAAGCTTGTTTGCTGCCACCCTGTTCCTTCCCTTTAAGGACAAATATTCTTCCAAAGATGCCTGGGGGAAGTCTGTGATTTGTGCAGAAACAACATCAAAAGCAGAAAGGAGA	G	A	0.26	0.39	0.43	0.34	0.36	0.77	0.53	0.35	0.38	0.29	0.34	0.012	0.010	0.002	0.074	0.0027				
rs1398825	10	7.23	TGAGGAGCTTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	G	A	0.43	0.93	0.87	0.87	0.98	0.97	0.92	0.92	0.92	0.92	0.94	0.004	0.001	0.012	0.030	0.0000				
rs924234	10	7.24	TCGCCTGTTTTTGTGTGAGTGATGGATGAGGCACACAACACTGACAAAATACAJAGGAGAGCTGATGGGCTTCTCGAAGCTGCCTGCAAGCCTGCTCAGGTCGCTGTTCACGTGACCTGTTC	A	G	0.07	0.35	0.39	0.41	0.36	0.09	0.21	0.56	0.46	0.46	0.48	0.059	0.010	0.002	0.047	0.0039				
rs1537626	10	7.66	GACACCACACTTTTTGGTTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	G	A	0.23	0.26	0.21	0.18	0.29	0.27	0.27	0.27	0.27	0.69	0.69	0.000	0.102	0.144	0.040	0.0000				
rs3859256	10	7.77	AGCAGTACCTTGGAGGCCCAGAGTAGCATATTCCATTATTCTCCACACTCTCTGGAGAAATGCTGCTCTCTGGAGAAATGCTGCTCTCTGGAGAAATGCTGCTCTCTGGAGAAATGCT	G	A	0.60	0.21	0.23	0.20	0.27	0.45	0.46	0.31	0.29	0.22	0.23	0.089	0.030	0.011	0.038	0.0003				
rs1244459	10	7.83	GGAGCCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	G	A	0.90	0.84	0.81	0.83	0.85	0.86	0.86	0.87	0.87	0.85	0.85	0.076	0.073	0.074	0.029	0.0010				
rs2671303	10	8.08	TTCGATTTTTCTTTGGTCACATGGGGAGGAGAGAGCTGAATCTTCTCATCTGAGGCCCGAAGCCAGACATGTTTCTGTCATGAATATATTAACAGAGGAGAGACCTGTAT	G	A	0.63	0.64	0.68	0.63	0.86	0.72	0.59	0.77	0.65	0.55	0.037	0.015	0.000	0.050	0.0024				
rs516769	10	8.22	AGTAAAATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	G	A	0.52	0.51	0.57	0.58	0.58	0.44	0.44	0.57	0.52	0.51	0.26	0.004	0.000	0.000	0.000	0.0054				
rs827626	10	8.33	CTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	G	A	0.23	0.23	0.23	0.18	0.40	0.42	0.30	0.14	0.21	0.29	0.020	0.044	0.014	0.032	0.010	1	1			
rs1423807	10	8.38	GAGGAGATGAAGATATTGGAAGAATCCAGAGTTTGTGAAGAAATCCAGAGTTTGTGAAGAAATCCAGAGTTTGTGAAGAAATCCAGAGTTTGTGAAGAAATCCAGAGTTTGTGAAGAAATC	G	A	0.73	0.79	0.71	0.68	0.88	0.95	0.64	0.89	0.74	0.70	0.70	0.001	0.028	0.002	0.003	0.0003				
rs1003912	10	9.62	ACACTCCTGGCTGCTTGTTGTCAATATCTGAAAGGCATTGTATCTATTTTJAGCTGTTTTTGTTGGGGAGGATGGTGTGGTGGTCCTTGTTATTCCACCTTGTCTA	G	A	0.79	0.43	0.45	0.44	0.48	0.27	0.69	0.43	0.42	0.45	0.36	0.065	0.027	0.001	0.025	0.0029	1			
rs913375	10	10.74	AATCATGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	G	A	0.52	0.52	0.57	0.58	0.58	0.44	0.44	0.58	0.58	0.53	0.62	0.004	0.027	0.020	0.000	0.0027	1			
rs725024	10	10.87	TAACACACTGTGGTCACCTTTGAAGGTATCCCTCAAGCTGGTGGCATCAATGCTTTTAACTGAGGTGACAGAAGGTTTTTGGTTGGTTTTTGCTTGAGCTATGTC	G	C	0.50	0.59	0.57	0.66	0.57	0.56	0.22	0.68	0.46	0.63	0.57	0.007	0.079	0.006	0.031	0.0008				
rs10892302	10	12.45	TAAAACTCTATCATTTCAACTTTCGAAAGGAAGTTATTCATACCAAGATAACTCAATCTCAGCATCAAGCCCTGTACAATACATAATGACACAGTAAAGCTCTCTCTCTAG	A	G	0.36	0.32	0.27	0.34	0.29	0.23	0.14	0.23	0.39	0.24	0.30	0.008	0.008	0.000	0.000	0.0031	1			
rs11110560	10	12.58	ATGGGGACTGAGCCTTCGTTCTTCTTGTGACTTCTCCTCCCCAGGAGGCTTCCTCCTCCCCAGGAGGCTTCCTCCTCCCCAGGAGGCTTCCTCCTCCCCAGGAGGCTTCCTCCTCC	G	A	0.53	0.38	0.38	0.32	0.29	0.50	0.50	0.40	0.47	0.40	0.47	0.000	0.000	0.000	0.000	0.0000	1			
rs852029	10	13.07	TATACTAGGGTTGTGGTGCCAAATTTGATCTACAGGGTGAAAAGCAGGAAGTCCCAGTTCTTAGATCAGGAGCTAAATCACATGCTTCAACTCAGCATTTACCAGAAAGCCU	A	G	0.45	0.09	0.13	0.16	0.20	0.18	0.00	0.20	0.15	0.19	0.17	0.059	0.062	0.005	0.000	0.0011	1			
rs7899305	10	13.26	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	G	A	0.29	0.28	0.30	0.25	0.23	0.45	0.60	0.38	0.36	0.35	0.35	0.073	0.002	0.007	0.018	0.0001				
rs6615920	10	13.35	TCACTCTCCTAAGCTCATCGGCTTCCATCCTGTTTAACCCCACTGGTGACTGCTCCTTCC

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rs238757 0	12	113.87	CATCTCCTTTCATTTGTCAGATCAAATGTAGAATAAGGGAGGTTTAAGGCCCACAGAGTGAGTTTCCACAACAGCTAATATTTGGAGGAATTATAAGTTCTGGAATGACACCCA	A	G	0.57	0.43	0.45	0.40	0.57	0.50	0.16	0.31	0.43	0.33	0.51	0.003	0.088	0.015	0.000	0.0013	1
rs2141693	12	114.19	CAATCCATCCTCGAAGGTTAATTCTCTACTTGCTCTGCCCTCTTTGTGATGCACAGGCACAACTATGAAACTTCTCTCTTCTCTGGGTTGGTTGACCAATGATTCTTCTCTC

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rs982272	17	47.45	CTCTTTAGTGTAAGGTTTATGACJA[G/T]GGTGGGAATTCTTTTTCATTTATCCCTTGCATTTAACCAGCAGAAAGGCTGGGCCCTGGAGGTCACCCCAGAGGGCCATAGGACC	A	G	0.90	0.48	0.48	0.38	0.41	0.36	0.53	0.57	0.46	0.49	0.41	0.097	0.000	0.006	0.013	0.0026				
rs1063647	17	48.66	TCAGTCCCCAGGCTTGGAGGGCACCCCACCCTCTTCCTACACTTCAGCAGAJA[G/C]CCAAGGCCAGGGTGCCTTTGGGGGCTGGGGGGAATAAGGCAACGGGGACATC	A	G	0.69	0.52	0.52	0.62	0.59	0.55	0.66	0.64	0.67	0.48	0.040	0.001	0.001	0.011	0.0000	1			
rs1124281	17	50.32	AACCTAGGAACCATTGTTCCAAGTACAAGTTCAATCAGTGCTTGCTGAGTCAJA[R]CAGGAAAGAGTCAGGGCTGGCTAACATTCACTTCTCAGATTTAGGAAGAGGTGGCAA	A	T	0.83	0.78	0.76	0.74	0.66	0.86	0.72	0.78	0.86	0.66	0.66	0.008	0.000	0.005	0.013	0.0065	1		1	
rs1528189	17	50.33	GGAATGATTCACACAGGAGTTACGCTGGAAATGTGGGGGAAAATATGCGGCAAATATGCGCTGTGAJA[C/A]ATGAGCCTAATCTGAAGGTGCTGCAGCAGGTTGAAAAATGCTCCCCTCGT	A	C	0.24	0.65	0.68	0.68	0.63	0.73	0.53	0.57	0.68	0.66	0.62	0.107	0.001	0.010	0.000	0.0020				
rs792786	17	51.56	AGAAAGGTATAGGAGTTAATCCATGGTTTTGGCTGGGTTTTGGTTGGATTGGTTAGTAGTTTGTTTTTTATTGCCTTGATGAGTTTGTTTTTTTATTCCTTGATGAGATTTGGGCTACAGCT	A	G	0.67	0.47	0.49	0.45	0.57	0.73	0.08	0.52	0.46	0.53	0.52	0.010	0.150	0.002	0.015	0.0003				
rs1509966	17	52.18	TGGCAATATGTGTCAGAAGTTTTAAACTTTAAGCATTGGGCAACGATTATACCAJA[C/A]AGATGAGGCATGATTAATTTCATTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	C	0.67	0.66	0.68	0.68	0.78	0.72	0.73	0.44	0.57	0.68	0.82	0.81	0.057	0.025	0.002	0.0029				
rs2045418	17	52.58	GATCTTTCAGTCTTTTACTTTTTCTTTTCATTGATTCCCATTAGTAACATCTGAGAGGCATGCTTGTCTTACAGGATTAGACGTTGAATCTGAGTGTAGTGCTTTTCTAAATTCAAT	A	G	0.40	0.53	0.56	0.49	0.50	0.14	0.30	0.46	0.46	0.55	0.47	0.006	0.023	0.000	0.000	0.090	0.0021			
rs1025905	17	53.18	GAAATTGTGATAAAATAATCTGGTATTTCATGGAGAGGCTTTAAATTTCTGGAGAATTJA[G/T]ACTCCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	T	0.43	0.69	0.68	0.65	0.75	0.64	0.54	0.88	0.65	0.66	0.69	0.032	0.044	0.000	0.000	0.0003				
rs244340	17	53.67	TAACACCTAAAGGATACTAGAGTAGAAAGTGAAAAACCTGAGACCTTCATGCTJA[G/T]CTTGCTCAGCAACCTTTAGGCTCCTTAAAAATAAACTTATTTTTTTCCCAGCTACT	A	G	0.90	0.61	0.61	0.65	0.52	0.59	0.33	0.54	0.69	0.62	0.63	0.060	0.039	0.007	0.000	0.0010				
rs2033108	17	54.30	AGCTTCCCAGATTCCCCTTCCCCTTCCTCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTJA[C/A]CCAGTATGGGAGCAGATTAAACTTTCTCTCTGGAGCAGCCAATTGGT	A	C	0.79	0.79	0.79	0.83	0.88	0.91	0.50	0.89	0.71	0.75	0.82	0.131	0.023	0.002	0.012	0.0003				
rs759109	17	54.88	GTTCATGTTCAGTGGAGCTTGGTTGTGGGACTTTCTCAGCATATTTGTACTJA[G/T]GACAAAAGGTCTGAGCCAGTCTGGATGAGAAGCAGTTGTAAGACATAGCATATTCAAA	A	G	0.50	0.46	0.48	0.44	0.45	0.45	0.61	0.80	0.43	0.40	0.40	0.000	0.011	0.014	0.000	0.0040	1			
rs929648	17	56.09	TGAATGTGGGCTCTTTTGGAGTCTTCTTTGGACTGCTCTTTTGGAGTTTTGTTTTTTTTTTTTTTTTTTT

rs1631649	18	74,984	GATGAAATAGTGGTGGTGACTGGACTTCTATTCTCAATTGGGAACATCAGGTCCAATTJAGJAGTAAGGATATGATTAGGATTCAGACGAGGGCTGAAAAAAATGGGAAAATTTGG	A	G	0.55	0.68	0.67	0.66	0.66	0.36	0.76	0.53	0.68	0.67	0.66	0.009	0.002	0.037	0.058	0.0001																	
rs5023347	18	75,59	CCCTTCCTCTCACCATCGGAGCAGCCAATGCCCACCTAACACACTGCAGCGGCCJAGGAAATGGCCAGGATCTCGCACACCCTCACTCAAAGGCCCCCTGCAGCGGCTGCACTT	A	G	0.55	0.53	0.54	0.61	0.59	0.23	0.53	0.55	0.68	0.63	0.66	0.000	0.000	0.001	0.056	0.0121	1	1		1															
rs11805272	18	75,89	AAATTTCCATCCTCTCCTCTTAAATAAGACCCATCTGTATACCATTCTATTTAGCJAGTGATCCAGTGGCATCTCTTGTAGGTCTGTCTCTGGAGGTGAGAAGTCAGTCAGTCATC	A	G	0.74	0.47	0.57	0.60	0.59	0.30	0.13	0.32	0.46	0.59	0.52	0.019	0.095	0.041	0.029	0.0014																			
rs10203382	19	0,22	GGGACCCGGCCGGCTGGCCGCCAGCGCTTCATTCGCTGTTGATAGCTCATTTGTTGATAGCTCATTTGCTCTGCACACGTGAAGTAGTTGAAATGCAGATTGTAAGAATCAGGTGA	A	G	0.81	0.52	0.64	0.58	0.61	0.18	0.38	0.43	0.46	0.68	0.56	0.050	0.032	0.013	0.080	0.0040	1	1																	
rs7258434	19	0,27	TTCATGGCATGGTTTTGCCAGGTTTGCAGGGTGTTTTTCTTTCAACAGCTTGAAAAGAGCTTTGCACCCATTAAGGTTTTGCTTCCAGTTCTGGTTTGGCTTGTTGAGAGCTCAGAGCAGG	A	G	0.79	0.91	0.93	0.91	0.86	1.00	0.74	0.95	0.96	0.89	0.92	0.019	0.036	0.004	0.027	0.0000																			
rs2012035	19	0,35	GTGTTATCCTCCTCTCCTGGATGGGAGGAGCCACTGGATCAGTGTTCTCTCACGCTCTAAAAATGAATCAGCGGGGTGGTGGCTGAGCTGGGTGGTCAATCCCAATGGCCTCCTGCA	A	G	0.81	0.52	0.58	0.62	0.58	0.19	0.31	0.32	0.50	0.65	0.55	0.112	0.108	0.078	0.073	0.0002																			
rs731714	19	0,35	GAGGTGTGGCGCAGGGCCCTTGGCTTCTGTGCCTCGGTGTTCCATCTGTGAGTATGGCAGTAGGCAGCGTCTTGCTGAGGATTCAGCGGGTCTCCCGCCCACCCACCCCAGCAT	A	G	0.87	0.42	0.37	0.30	0.38	0.38	0.34	0.41	0.40	0.32	0.38	0.135	0.004	0.002	0.000	0.0001																			
rs351111	19	0,80	TCCGGTGGCTCAGGTTCTTGAACATCTGAGGCAGTAGTAGGCATCTGGTTCTGAACATCTGGCAGAAGGGTTTGGCAGTTTGCTGGCAAGGGGTGGTTCATCCTGGCTCAGGGATCGT	A	G	0.56	0.47	0.47	0.55	0.39	0.47	0.41	0.37	0.42	0.46	0.42	0.015	0.043	0.000	0.000	0.0002	1																		
rs757228	19	1,05	TGCACTCCAAGCACTCAGGCCTCTAGGGGCCTGGGCGGGGACGAAAGCCATGTGAACAGAGGTTTATGCAAGACCAGGATAGAGTCTTATGCAAGAGCCAGGTTCGCCAGCCCTGCTCAGGGATCCTTGCTTCACTGC	A	G	0.48	0.46	0.52	0.63	0.45	0.36	0.45	0.56	0.32	0.51	0.53	0.001	0.005	0.000	0.015	0.0008																			
rs2686805	19	1,33	CACCTGTTTCTCTC

rs1547429	20	47.234	TTTGAGTGGGGCACACAAGCGAAACCATATCAAGATCCAAACTCACCATTCAATJAGJAGGGAAGGCTGGGGGCCCCCTAAACTTCTGTCCTCAGAGGGGACCCCTAAACT	A	G	0.24	0.44	0.44	0.38	0.43	0.77	0.69	0.51	0.50	0.42	0.45	0.023	0.023	0.000	0.048	0.0001	1		
rs761272	20	48.00	CCAAACACTATACTACAAGGAGGGGCTGATCGTCTCACTTTTACAGAAGAGAAAACJAGJAGGCTCAGGGGAGGCCCTCTAGAGGAGGGAGCAGTGGGAAGGCCCACACACGGGC	A	G	0.21	0.61	0.54	0.57	0.52	0.45	0.47	0.29	0.35	0.42	0.45	0.058	0.000	0.017	0.002	0.0079	1		1
rs986478	20	48.03	TCTTCGCCTCTTCCCTCTTCCTCACCCAGGCTCCTCAACATTGTTGCCCACCCCJAGJAGTGGGAGTTCAGCTCAAACAAGAGGGCTCAGAGGGCCACGGGGACCCCTGCAAG	A	G	0.36	0.71	0.63	0.59	0.59	0.55	0.64	0.49	0.61	0.57	0.52	0.032	0.002	0.003	0.000	0.0065			
rs911411	20	48.40	ATAGTATTTAGGCACAGTTTTGGGGTGGGGGTCGATTGAGGGGAAGGGAAAGTAGCGGGAGTAGAAAATGAACTCTTGAGCCAGGATGGGTTTGACCTCAAAGCTACAGGGCAAAAGCAATAATGAATA	A	G	0.41	0.41	0.41	0.46	0.63	0.32	0.35	0.41	0.46	0.46	0.45	0.004	0.003	0.003	0.008	0.0004			
rs756529	20	48.70	GGCTGCAGTGGGGCTGGGCAGGAGCAACCAAAGCCCGGAGGTTGACACATAAAGTTGAAGCAACAAAGGTTGGAGCAGAAGCCTGGAGCAGTCAAGATGGTAGAAAAGCTTTGAA	A	G	0.48	0.43	0.46	0.38	0.25	0.50	0.50	0.40	0.50	0.39	0.41	0.000	0.011	0.012	0.001	0.0021	1		
rs119416	20	48.72	ACTAAATCAAGTGAGAGATTTGCTTAGTGTAGCCGGTCTGATCTGAATCCTGAATCJAGJCCTTAAAGTTTCCCAACACCGGTAGATGGTAGAAAGCTGAAATGATACTATTA	A	G	0.26	0.27	0.33	0.43	0.27	0.61	0.34	0.27	0.35	0.41	0.32	0.032	0.000	0.003	0.000	0.0038			
rs610412	20	48.78	AATGTGCTGCCAGAATTCTGATCATGAAGACTGCCGAAGTGTTCTGACCTTGAACJACCTCAGAATTCCAACCCCGTACATTAGTCCAACCTGGGACATCAGCATTCTGACCT	A	C	0.79	0.64	0.58	0.57	0.64	0.82	0.78	0.59	0.71	0.62	0.54	0.029	0.031	0.010	0.054	0.0013			
rs718530	20	49.80	ATCTGCAGCCCTCCCCCCCCATACACCTCGTTTGCTACGCACTTTAGACATTTAGACJGTTGCAGCAGGATGATTGTAGGGGTGCTGTGAGTCTGTCTGGGCTAGTTCAGGGT	A	G	0.45	0.61	0.54	0.51	0.52	0.50	0.54	0.42	0.50	0.64	0.59	0.010	0.015	0.000	0.017	0.0017	1		
rs995480	20	50.46	TGATCATTAGAAATATAAACACATCATACCAAGAJAGCTGATGCTCATGGAGGCATGCAGTCTGCTGGGGGCTTCATGGGGCTTCAGGTCCTCCCTCCCCCCAAGAAGGCTT	A	G	0.26	0.51	0.46	0.57	0.55	0.59	0.42	0.57	0.54	0.49	0.49	0.019	0.004	0.003	0.005	0.0008	1		
rs926560	20	50.63	TGAGGGGTCTCTCAGTGGCCTCCCATTTCTGTTTCACCATCTAAGGTCTCTTGGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTC	A	G	0.33	0.59	0.53	0.59	0.54	0.64	0.73	0.73	0.71	0.61	0.54	0.013	0.012	0.019	0.002	0.0001			
rs228835	20	50.75	CATTTGGATGTTCTTCTGAAATTTAAAAATGTGTAACCCTTCAGGCAAAGTTCACAJAGJCTGGGAAGTCCAGGCTGTTCCTGACTTCAGTGGGAACCCTGGCCCTTGGCCACAG	A	G	0.26	0.63	0.61	0.56	0.61	0.41	0.63	0.61	0.75	0.54	0.52	0.060	0.000	0.001	0.024	0.0024			
rs737116	20	50.97	CTCCAGGGGGAGGGCTCCTCCTGGGGGCAGCAGCTGGCCATGATGTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCC	A	G	0.71	0.29	0.44	0.41	0.41	0.71	0.44	0.41	0.41	0.52	0.42	0.027	0.043	0.054	0.017	0.0017	1		
rs1022689	20	51.51	TGGGAGCTTGGGCCAGAACTCCCGCTGAGTTCATTACCAGGTAGTTGTTCTGATTTJAACTGCTTTTATAAACCTAGTTACTTCTCTCTCATCTGTCCCCTTTAGTGAATT	A	C	0.26	0.33	0.23	0.26	0.39	0.45	0.30	0.30	0.36	0.34	0.30	0.000	0.001	0.000	0.025	0.0014	1		
rs200613	20	52.64	ATATCCAAGCAAGAAGCCCAGTCTCTGGGCCTAAATATTGTTCCAAAAAAAGAGCATGGGAGGAGAAGCCAAAGTGAGTTTATTTATACACAGAATCTTCTCTTCTCTCTCT	A	G	0.56	0.56	0.56	0.46	0.30	0.55	0.88	0.71	0.68	0.62	0.60	0.051	0.040	0.013	0.004	0.0008	1		
rs1476720	20	53.21	CTAGCCCAGGGCAAGGGATGTGTGCTGGGGTTGAAGGCCCTCCCTACAAAGGCCACCTGCAAGGGCCACTACCACTTCJAGGAATTTGTGAAGGCCTGCATCGTCCAGTGC	A	G	0.69	0.68	0.77	0.72	0.84	0.32	0.40	0.72	0.64	0.74	0.74	0.014	0.130	0.018	0.155	0.0002	1		
rs284732	20	53.38	GAGGTGGGGGCCCTCTTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.12	0.54	0.53	0.60	0.64	0.18	0.75	0.34	0.50	0.49	0.49	0.124	0.015	0.006	0.000	0.0021			
rs964293	20	53.50	TCCAGTCAATATACTGACCATTTCTGTCCTCTTATATCTTTCCTCACGGAGTGTTGATGGTACCAAGGTTCTTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTC	A	G	0.60	0.35	0.33	0.39	0.30	0.59	0.19	0.35	0.43	0.38	0.36	0.015	0.031	0.001	0.016	0.0004			
rs1418927	20	53.51	CACCCTGGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.29	0.29	0.22	0.18	0.29	0.34	0.04	0.40	0.29	0.18	0.24	0.000	0.055	0.008	0.013	0.0000			
rs767971	20	54.39	GGATAATCACAATTCAGAGGTACAGGTGAGAGAGJAGTCCAAAAGAAACTTCAATGTCATAAGCAAGGGAGGAAGTTGTATCTGTGTCTCTTAGAGAAATGTGAGAGCAACATTCC	A	G	0.17	0.81	0.77	0.73	0.66	0.82	0.97	0.80	0.82	0.69	0.74	0.016	0.217	0.034	0.001	0.0021	1		
rs914433	20	55.20	TGTGGTGAGTGAAGAACATCAAGGTCTCGGAAGGTGCTGGGCGGGTCTGGGCTGGAATCATCCAGTTGACJGGTTCTGGGCCTCCTCCCTCCCCCCCAAGAAGTTCTTTGAA	A	G	0.10	0.39	0.50	0.44	0.46	0.14	0.00	0.39	0.36	0.53	0.52	0.114	0.230	0.008	0.090	0.0001	1		
rs1884910	20	55.71	TCCCCGCCTCTCAGTGGTCCTCCCCATTTCTGTTCACCATCTAAGGTCCTTGGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTC	A	G	0.64	0.36	0.34	0.37	0.59	0.36	0.57	0.27	0.50	0.38	0.31	0.044	0.029	0.001	0.000	0.0004	1		
rs1570530	20	55.84	TCTGCTCCAGGAGCCCCTGAAGCGCTCAAAAAGAACAAGGTGGGTGGGTTGGAGGGGGAAACATACTCAGAGGGCTACCTAGGCCTGGATCCCCGGCAGATGCAGGTCCAA	A	G	0.43	0.47	0.45	0.39	0.48	1.00	1.00	0.83	0.32	0.47	0.48	0.000	0.274	0.095	0.274	0.0012			
rs168959	20	56.49	GCATGTGGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	A	G	0.56	0.56	0.60	0.57	0.64	0.41	0.47	0.64	0.57	0.73	0.63	0.101	0.000	0.002	0.005	0.0005			
rs1328757	20	56.82	TCCTCCGGACTCCAGGCCACGTTCTCTCTCCTCTCCTCTCCTCTCCTCTCCTCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.31	0.45	0.48	0.45	0.34	0.55	0.06	0.46	0.39	0.45	0.50	0.015	0.114	0.001	0.004	0.0005			
rs511145	20	57.50	TGCTTGGGCCACTCTCTGGGCCTAAATATTGTTCCAAAAAAAGAGCATGGGAGGAGAAGCCAAAGTGAGTTTATTTATACACAGAATCTTCTCTTCTCTCTCTCTCTCTCTCT	A	G	0.56	0.56	0.53	0.63	0.59	0.59	0.33	0.21	0.54	0.59	0.66	0.021	0.010	0.017	0.008	0.0152	1		
rs910860	20	57.69	AAACTCTTTTAAGTTCGCCGGTGGTAAAAGTACATAATTTCTGTCACAATTTGCACGAGTGTAGGGCTGAAAGAACTAATGATTAGCAACATTCTGTCATGTTTTTATAAAGTTCC	A	G	0.69	0.67	0.69	0.66	0.70	0.64	0.98	0.65	0.57	0.67	0.74	0.001	0.111	0.006	0.000	0.0024			
rs2200687	20	57.77	TACAGGCTTGGTGGCCAGTCCTGGTCCTCACCAGGGGCCAAACCCGGGTCAATTTTAACCTGGTGGGGGCCAAAGTCCGGGTTTCTCACAGTGGAGGAAGCTCTCCATGTATATTTTTTGTGTTT	A	G	0.12	0.54	0.53	0.60	0.64	0.18	0.75	0.34	0.50	0.49	0.49	0.124	0.015	0.006	0.000	0.0021			
rs299998	20	58.46	TGGAGCTGAGGGTACAGGACTCAAAGCCAGAATGTTCTCAGTGAAGGGCACAGGTTGCAAGTGGCCTCTGGTCTCCTTCCTCTGGTCTCCTCTGGATAAAGCTGAGACCTCTGAAAGGCATACTCTC	A	G	0.75	0.49	0.77	0.73	0.79	0.77	0.79	0.73	0.61	0.82	0.79	0.051	0.000	0.002	0.000	0.0002	1		
rs259966	20	58.50	TATCAAATTGGGGAAAAATATGGAAAGCACATATACATATTGGTTCAAAAATAGAAAGCCAAAGTGTCTTCAAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	A	G	0.29	0.40	0.50	0.44	0.57	0.27	0.57	0.43	0.46	0.43	0.36	0.006	0.056	0.002	0.010	0.0010			
rs1407538	20	58.54	TTTCACTCATCCAAAGCCATCAGTCACCATTCACCCCACTTTTTCTTTTTGGAGTTATTTAJAGGTTTCTTCTTGAATGCTTCCCATCTTGCTCATCAAATTTGCACCCTGTCTCTGCCTTT	A	G	0.67	0.70	0.72	0.60	0.73	0.23	0.59	0.40	0.68	0.63	0.70	0.002	0.015	0.006	0.144	0.0001			
rs155504	20	58.59	TGGGGGCCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.10	0.29	0.25	0.22	0.74	0.59	0.21	0.31	0.48	0.64	0.60	0.006	0.031	0.116	0.067	0.0021			
rs748543	20	59.67	ACTCCCTTATGAGCATCTGGGGAGAGGAGCTGGATCCACACTCTGGACTTCTTCTCTTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	C	0.57	0.62	0.58	0.55	0.52	0.27	0.37	0.46	0.57	0.58	0.66	0.001	0.016	0.006	0.044	0.0020			
rs1370160	20	59.43	TGGTCTCCTCTGTTGTATAAAGCATTTTTGTCTCTTATTATCCACATCAAGGTCCTTCTGAGGGCATTTAAAGGCATTTAAAGGTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	G	0.76	0.55	0.68	0.49	0.54	0.54	0.57	0.95	0.88	0.67	0.54	0.069	0.058	0.540	0.114	0.0012	1		
rs1381100	20	59.53	ACAGCAGTTTCCTCGAGCTGATTTACTATATGCACAACTGTTGCTTGGCCTGGGAGAGATGTAGCTGAACCTGCAAATGCACACCATCAAAGGCTTGTGGATGTAATGGTTAAAATGTT	A	G	0.62	0.24	0.22	0.17	0.16	0.32	0.29	0.25	0.25	0.20	0.21	0.111	0.009	0.000	0.011	0.0000			
rs354731	20	59.64	GGATTGGTGAACAAGGCATCTGGGTCTCCAGAAGGAGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTG	A	G	0.26	0.62	0.57	0.64	0.57	0.27	0.64	0.57	0.64	0.49	0.49	0.078	0.068	0.000	0.000	0.0064		1	1
rs1001583	20	60.74	TCTTTTTATCATAAGGTAATTCTTTGATGAAAATAATTGGTCCATTTTTAACCAJAGCACAGATCTTTCTGGCCACACACTTGCCAGGTCTGGGCCAGGCTTCAATTAGTCAATTCAGGTGG	A	G	0.69	0.52	0.56	0.48	0.46	0.86	0.16	0.58	0.29	0.60	0.59	0.015	0.070	0.000	0.071	0.0009	1		
rs2026162	20	60.90	TCATCTCTGGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.40	0.40	0.48	0.39	0.52	0.23	0.37	0.19	0.39	0.46	0.51	0.003	0.003	0.000	0.013	0.0013			
rs910928	20	62.45	TGGGTGTGGCTCATCGCAGCATATGTGTGAGTGACTAAGTTCCGGGGGAGCAGJAGGCCTGCCTGACAGGTGCTGGTACTTTTCCAGGGCCTGGGGGGTGGCGTGACTGACA	A	G	0.48	0.47	0.42	0.40	0.36	0.09	0.33	0.26	0.43	0.41	0.44	0.005	0.008	0.031	0.087	0.0014	1		
rs736379	20	62.90	CCGGGCAAGGACAGCTCAGCTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	A	G	0.31	0.46	0.51	0.56	0.55	0.69	0.63	0.54	0.45	0.51	0.037	0.012	0.003	0.012	0.0003			
rs816943	20	63.40	TCTTTCACGCTCCTTGGTCTCTGGCTGCCCAGGAGACCTTGCTGGGTGGATGAGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGG	A	G	0.63	0.63	0.52	0.48	0.58	0.95	0.61	0.73	0.53	0.54	0.57	0.037	0.010	0.002	0.153	0.0016	1		
rs379942	20	63.52	TATATTGGACTGAACCACTGGCAGAGAAAGCAGAGGGGGGTGAATGTGGTGGCTTGTJAGGTGCTTCTTCTGGCCTTTTGTGTGTTTGCTTTTAAAAAACTACAATCATGCTGCAC	A	G	0.17	0.29	0.31	0.20	0.30	0.32	0.44	0.27	0.43	0.26	0.26	0.008	0.002	0.000	0.000	0.0003			
rs912239	20	63.59	CTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT	A	G	0.12	0.54	0.53	0.60	0.64	0.18	0.75	0.34	0.50	0.49	0.49	0.124	0.015	0.006	0.000	0.0021			
rs990141	21	15.01	GAAACATGTGATGAACGAGATGTGCAGGATTCTTTTCTCTGTTTCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.52	0.65	0.61	0.58	0.55	0.75	0.64	0.61	0.57	0.56	0.004	0.025	0.002	0.006	0.0007	1		
rs806130	21	15.14	GAAACAAAAATCCAGAGTCCAGAGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.52	0.54	0.51	0.56	0.76	0.32	0.54	0.43	0.58	0.58	0.46	0.018	0.000	0.006	0.000	0.0000			
rs2178895	21	15.26	TCAAGGGATGTTTGCCCTCTCTGAGAAAATAAAGGGGGAGCAAAAAGAAGGTGGCTGAGGCAAGTTAGTGCAGCTAGAAACAGGGTAATTAAGGGCATAACTCAAAGGTACAACTGAAAGG	A	G	0.95	0.66	0.67	0.63	0.68	0.95	0.74	0.69	0.71	0.63	0.60	0.079	0.002	0.014	0.076	0.0014			
rs1882559	21	15.47	TCTCTCCTGGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.95	0.76	0.76	0.71	0.78	0.95	0.67	0.76	0.71	0.58	0.62	0.061	0.000	0.054	0.005	0.0043			
rs7279650	21	15.62	TCTTCCAAGGTCTCGTAGTTTGGCTAGCCATCTCGCTTCTACTACCTCCCTTACTGCCTCTCCCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	A	G	0.10	0.04	0.05	0.04	0.11	0.14	0.08	0.11	0.02	0.07	0.003	0.008	0.000	0.000	0.0000			
rs811723	21	15.79	TTTCCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT	A	G	0.64	0.36	0.36	0.39	0.29	0.86	0.86	0.84	0.96	0.96	0.99	0.002	0.022	0.000	0.000	0.0000			
rs2823392	21	15.82	AGAGAAAGGACTTCTCAGGAAAAGGGGAGCTTGATTGCTCTTTCCAAATTAAAACAGAGAGJAGTTTCATCCATCAATGTTTCGTACCTTCCCAGCTAGCAAATTTCTTTCTGGTTAT	A	G	0.57	0.27	0.30	0.21	0.32	0.09	0.06	0.16	0.18	0.31	0.25	0.025	0.073	0.025	0.056	0.0021			
rs983530	21	16.50	TTAAGCCAGGTGCTGGGCTTCCAAGAAGGGAGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTG	A	G	0.76	0.69	0.59	0.67	0.57	0.27	0.64	0.57	0.64	0.71	0.50	0.078	0.068	0.000	0.000	0.0064			
rs189457	21	16.59	TTTTTAGCTTACATCAAAAAGATCTAAAGGGTGTTGGCAGATAGGTACCCCTGTGCTGTTAGCTTCTGCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.56	0.65	0.57	0.57	0.51	0.32	0.50	0.63	0.55	0.003	0.016	0.084	0.089	0.069	0.169	1		
rs2824656	21	17.09	GATGGTCCTGGTCTGTCACCATCACTCGTGTATCATCCAGTCTGCATGTGCTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTG	A	G	0.35	0.54	0.60	0.73	0.79	0.54	0.57	0.71	0.58	0.63	0.65	0.014	0.000	0.000	0.008	1		
rs202855	21	17.55	CATGATTTCACTGCTTGCGCAGGTTAAACTGGGAAAGATGGTGTTATGCTCATTTTCAGTTTGACTTGGCTCTGGCCAGTTAGAAAAAAGACAAGCATATGGTATTACTTTCCATGAC	A	G	0.71	0.87	0.84	0.87	0.79	0.95	0.97	0.92	0.93	0.84	0.75	0.010	0.035	0.006	0.023	0.0060			
rs1389157	21	17.71	GAAGAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGGCAGG	A	G	0.36	0.02	0.07	0.08	0.07	0.09	0.09	0.09	0.09	0.09	0.09	0.123	0.004	0.000	0.000	0.0017			
rs12034	21	17.86	CATTATCTTTTCTTCAATTGTGAATTTTAGTGATAAATTAGTGATAGTACACTGTAGTAGGAAGTTTGACACTTCACGTGTGCAGGTAAGTATGACACTTGCAGGTGTTCAGTTCAG	A	G	0.18	0.67	0.56	0.66	0.63	0.55	0.66	0.56	0.58	0.58	0.66	0.075	0.012	0.003	0.001	0.0072	1	1	
rs387523	21	18.36	ACTATAGGGCTCCAATGTCTGTTTTACTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	G	0.36	0.32	0.30	0.40	0.27	0.32	0.33	0.33	0.36	0.39	0.33	0.019	0.001	0.028	0.117	0.0029			
rs651799	21	18.45	AGCCTCTAACTATTAGACTCCAAATAATCTTCTGACAGAAGTTAAGAAGAAGGAATTAGGGTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.81	1.00	1.00	1.00	0.99	1.00	1.00	1.00	1.00	0.71	0.004	0.000	0.000	0.000	0.0000			
rs1388778	21	18.68	TATATAT

rs136904	22	43.32CATGACCTTTGTGTGTATTTCCCCATCGTGTGCTCTGCTTTTCTTTGCjAGTTTAGCTTCTCAGCATGACCTTTGGTCTCAGATGCTCAGCTTGGTGGCAGCACTCACA	A	G	0.36	0.37	0.35	0.45	0.18	0.73	0.83	0.32	0.54	0.34	0.35	0.001	0.135	0.002	0.084	0.0001			
rs1540327	22	43.38CAGGGGCTTGGTACCCCCACGTGCCCTCATGGCATTTTGGGGCCTGCTCTGGjAGTCTGGGGCCATCTTTGATGGGTTTCTCTGCTGGGGCATCTTTGGGAGGTTTCTCAGGGCTATGGGGGTGGGGGAGGCAGAA	A	G	0.63	0.30	0.41	0.38	0.36	0.68	0.80	0.60	0.36	0.44	0.37	0.008	0.043	0.008	0.013	0.0054			1
rs132817	22	43.81CAGACAAGACAAATTAATCTATATAATCTGAAAGAAACACACCCAAAGCCGAAGTjAGTCTAGAAACACTGAAACTGAAAGAAGCAGGGCCGTAGGGGGGAGAAATAGGTTTACC	A	G	0.79	0.58	0.63	0.57	0.52	0.32	0.33	0.70	0.46	0.66	0.63	0.015	0.054	0.000	0.061	0.0000	1		
rs714022	22	44.45TTTTATGGTGTTATGTAGTATCTCTTTTTCCTTTTCCTTTTCTTTGGTACjACTTGGAAAAAGTTTAAATGCTTTTTGGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	G	0.74	0.54	0.63	0.60	0.50	0.27	0.32	0.56	0.56	0.59	0.003	0.006	0.007	0.000	0.008	0.0000	1		
rs737822	22	44.52CTGGTCTAAATGATTTTTTACTGTCCTTTAGTTTTGTCTCTTGATGAATAAjAGCAAAGATGTTAGAACCTTTGGAGTCCTTGGTCTCTGGGGCAGTTTTTTTTTTTTTTTT	A	G	0.71	0.52	0.60	0.61	0.52	0.64	0.57	0.39	0.56	0.55	0.003	0.004	0.006	0.001	0.004	0.0000			
rs738672	22	45.78TCTGCTCCTTGCAAGGTGAGGCATACCTCCCATTAGGGTCACTCACCGACTCTACTGCGACACTCAATTTCAGAATCTAATTTGCTCGCGCAGGTTGACTGGATGGAT	T	G	0.53	0.60	0.58	0.55	0.68	0.74	0.38	0.36	0.68	0.55	0.001	0.007	0.035	0.002	0.002	0.0001			
rs738486	22	45.15CAGACAAGGCAGGGGATAGAGGCCTCCACTGCTGTGCAGAGGAAGTAGAGAAGCjAGGGGGAGCATGCACAACATTAAATTTAAAATAGATTTTCATTTTCTACAAACCA	A	G	0.35	0.53	0.53	0.46	0.64	0.18	0.73	0.57	0.39	0.46	0.45	0.019	0.027	0.000	0.067	0.0035			
rs738591	22	46.48CAGAGATGTTATTGTCAAGCTAAGAAGGGGAAATTAATAGCCTTAAATGCATATAjTAGAAAATAAAAATAAAATCAGTCATCGGAGTTTGGATCTCAGAGATCTTGGATCTCAGAATCTGGAGCTCTCT

rs2066918	X	122.89	CTGAAAAGAATGCAGAATTCCTCAGGAGGGAAATGTTTAGATTTTGGTGCATCTGCjAC	TAATACTCGGACTACTAGACACGCTGTCAAAGAATGGTAAAGATGTATATATGGG	A	G	0.57	0.18	0.19	0.15	0.14	0.27	0.41	0.15	0.18	0.27	0.20	0.127	0.059	0.001	0.017	0.0002									
rs767216	X	123.16	GAAAGTCTCTTTCGCATTGGCCCAACCACACAGAATCGACTTGATGTTACTTCA	jAG	TTGGTTTATCCAAGGTCACGCTTAAATCATGCAAGGCAAAGAATACATCCCTGATCTA	G	G	0.57	0.93	0.92	0.91	0.84	1.00	0.96	0.89	0.96	0.89	0.86	0.086	0.003	0.000	0.027	0.0018	1								
rs209959	X	123.79	TTTTATGGAGTGTAATGGAAGTGCTTTTTGCGTCTCTGGGGGGTGATTTTTCTAATAA	jAG	CAAAAGCCAGGTCCATTTTTGACATTTTTTGTTAAAGGAAATAACACAAAAATATTT	A	G	0.71	0.77	0.72	0.72	0.75	0.91	1.00	0.93	0.89	0.71	0.72	0.012	0.070	0.017	0.010	0.0018	1								
rs1565588	X	124.02	GACCTTGCCATTAACAGTCTTGAGGTTATTCAGTCTCTTCTCTGGCAGAGGCCAGG	jAG	TGGTTGCTCTCTGCTGTATCTCAGTATACGACGATGATGGATGGAATCGTTTTTTCA	G	G	0.71	0.32	0.20	0.24	0.20	0.38	0.71	0.29	0.24	0.26	0.24	0.123	0.120	0.005	0.017	0.0013									
rs845324	X	124.19	TATGAAACACTGACCAAAATACATAAATTACTGGAATTATTGGCCTTGAGTTTTACA	jAG	TGGAATTTTTGATATACAGGTGCACAGACGAGCCTTATTAAAATATACTGTAAGTTG	G	G	0.33	0.29	0.34	0.23	0.36	0.41	0.11	0.28	0.54	0.42	0.43	0.002	0.059	0.006	0.000	0.0009									
rs2235079	X	124.54	AGATATTTGACCACAATTCGGTGTCTATAGTGATGTGAATGTGACATCTCTTAACA	jAG	TGCAATTATCTATAACTGGAACACATAACCTCATAAAGCCTCGAATTAAA	G	G	0.19	0.34	0.36	0.24	0.38	0.81	0.95	0.38	0.23	0.34	0.37	0.025	0.202	0.003	0.060	0.0001									
rs13309	X	125.07	AGAGAAATGCAAACTTAATGTAATAGGAAACAATATAGAACGGAATAACTTGCTAGC	jAG	ATTTCCTGGCTGTGGTATATGGAGATTCAATGCAAGGACATCAAGTATCTGTAAA	G	G	0.14	0.56	0.54	0.50	0.64	0.27	0.22	0.48	0.54	0.61	0.60	0.114	0.069	0.014	0.056	0.0041									
rs1883966	X	125.39	AGAGGAAACACACATACTAAACTTGAAATTTTTATCCTTGAATACACTGTTTTTGA	jAG	TTTTTACCTTGTACCTTCTTGAGAAATGCATTTTTTCAGGTTCTTCTAGAAATGCATATTTTCAGCTTTTCCAGTTTTCAGAGAAGACTA	G	G	0.12	0.64	0.60	0.66	0.61	0.88	0.30	0.80	0.64	0.74	0.68	0.149	0.050	0.043	0.035	0.0053			1						
rs2200290	X	125.69	ATTTATGCCAGTTCAGAATACACTTGAATTCTCCAGATTCTTTTTCTGGCACAGAATj	AG	TGCAACACCTCCCTTAGGAGATCAGACCTAGAGAGTAAATCGGTCCAACCTTACCTTCT	A	G	0.71	0.28	0.28	0.17	0.23	0.09	0.71	0.21	0.29	0.20	0.28	0.128	0.133	0.000	0.012	0.0000	1								
rs240170	X	126.17	TGTTTTCTTTTTCAGTAAGAGCCTATAAATGATTTTTTTCTTTTTTTTTTTTTTTTT	jAG	CAGACACTTGGGTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	G	0.86	0.15	0.19	0.15	0.18	0.18	0.47	0.27	0.25	0.18	0.16	0.286	0.042	0.024	0.000	0.0004									
rs916208	X	126.65	TTAACTTCTTTTTTCACTGTGCTCTAAACAACCTATGCAAAGGGCAAGACTTCCCTGCj	AG	TCAATAATAATGGAGACTGTGAAGCAAACAATTCATCTCATAAAGCTCAACTGTC	A	G	0.14	0.49	0.50	0.40	0.45	0.68	0.72	0.56	0.43	0.48	0.43	0.062	0.056	0.013	0.031	0.0021	1								
rs13218	X	127.09	GACACATCTCATCTTGGTTCTCTCTTCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCT	jAG	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	G	0.17	0.05	0.05	0.45	0.23	0.32	0.61	0.56	0.26	0.24	0.26	0.016	0.140	0.028	0.000	0.0024									
rs2281277	X	127.78	GAGCACTTTGGGTGCTCAACAATGCTCACCGACCAGACAACGTACAAACCTAGACTT	TTCTGACTTCTTTTCCCCCAGATTCTCAGCTTCTTCTTCTTCTTCTTCTTCTTCTTC	A	G	0.55	0.68	0.85	0.90	0.86	0.55	0.86	0.93	0.79	0.90	0.91	0.037	0.003	0.014	0.038	0.0064	1	1		1						
rs209213	X	128.11	TGACAATTTCCCTCTTCCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	TAAAAAACATTTATAATGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	G	0.19	0.57	0.58	0.46	0.43	0.65	0.68	0.36	0.61	0.56	0.53	0.109	0.001	0.053	0.001	0.0011									
rs1034422	X	128.32	ATTTTACAACATTTCTTCATATTTTTGTGATTGCTGGGTATAATATACTGGTCACTGCjATTGCCACCAATTCATGTCATTGTATTATGAATTATACTTTTCAGTTCTTCAGAGTTACC		T	G	0.67	0.44	0.49	0.41	0.48	0.91	0.93	0.75	0.50	0.51	0.54	0.005	0.104	0.040	0.092	0.0000	1								
rs3788	X	128.93	CCAGGTTGGATTAACAGTCAAATTCTGAGCATTTGGTAGCATTTCTGGCCCTTAATGAGCjAG	TTTTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.26	0.14	0.16	0.13	0.14	0.00	0.11	0.14	0.29	0.15	0.14	0.010	0.000	0.000	0.045	0.0010	1								
rs717972	X	129.25	AAGATGGAACAGTGAAAATAGAGAGAAGAGCCTTTGAATACTGAATATCCTTTTAGC	AGTjAAGGACAGGTAAACTTCGATGGGTTAGATTTTTCTGCCAGTCCCCTTTCCCAC	A	G	0.62	0.54	0.51	0.57	0.57	0.68	0.83	0.39	0.50	0.40	0.47	0.002	0.044	0.015	0.011	0.0004									
rs859852	X	129.46	CCATTTTCATCATACACATTTATGAGCTTTAGTATTTCTGCCTCTGCTCTCCCAGACAGCjTACACTGACCAAGATCTTGATATTTTTCTGCTTTTTCAGTCCAGTTGGAGATGGCTATATAAAT		A	G	0.48	0.42	0.40	0.40	0.41	0.32	0.28	0.45	0.58	0.51	0.35	0.002	0.009	0.001	0.004	0.0033	1								
rs202768	X	129.78	TGAAAGCCTGAAGTGGTTGCAAGGCCCTTCCTAAACTTCAGTTTACATCTCCCCjAG	GCCCATGTAAGTGGGCAAAACATTTTGCTCAGCTTCTCAGTCTCTTTGCTGATACTTT	A	G	0.24	0.33	0.27	0.27	0.23	0.41	0.77	0.40	0.29	0.32	0.23	0.000	0.145	0.015	0.017	0.0014									
rs10926488	X	130.10	AGTATTCTGGAGCTCCATTGCCTTCCTCATTGGTCACAAGTGGACACAGGGGAGAGGGAGGGAGTATAGCCTTGTGGGGAAAGGACAAGTACGCAGCAGGGCATCCCTACTGTTCAGGC		A	G	0.81	0.31	0.28	0.26	0.27	0.00	0.00	0.09	0.18	0.26	0.30	0.173	0.090	0.013	0.090	0.0004	1								
rs2178878	X	130.26	AAATGACCGTAAGTAGATATATTTGAGATACTGCAAATGTGAGGTGAAGATCTCGGAGGCTAGGCATCAGGGTTAAGTCTGGGCTGCATCTCAAATGTACAAGTCATGTTT		A	G	0.05	0.18	0.15	0.15	0.14	0.00	0.00	0.01	0.14	0.09	0.10	0.011	0.045	0.025	0.045	0.0000									
rs1005580	X	130.65	AAAACAAGAGAGAATATACAAAAGGGAGAATATTCCACTCAAACCCCCAACTACTCCCCjAG	GAAGCCTCTTTTTACATTTCCAAATGTCACACTCCACACTTAAATTAACATTCGCA	A	G	0.38	0.48	0.52	0.46	0.52	0.45	0.98	0.48	0.46	0.42	0.41	0.002	0.177	0.001	0.001	0.0014	1								
rs985940	X	131.11	GGAATTTGAGCCCTCCATGCTTCCAGCCTTCTGACCCTTCTGATATCCTGCTTGGCTT	TCTTCTTTGGTTGTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	G	0.53	0.26	0.30	0.30	0.29	0.69	0.07	0.04	0.29	0.36	0.021	0.021	0.017	0.085	0.0013										
rs1474730	X	131.13	AAATTGCAAGCTAGCCCTCATCCAAGGGCCCAAGTGGCCATTGAGCCTGGTGACAAGCjCGGGCATCTGGGCCAAGTAAGCCACTGCTCTGGGCGAAGGCCTGTGATGGAGCACCTCCTG		C	G	0.52	0.26	0.30	0.30	0.29	0.30	0.29	0.68	0.07	0.51	0.29	0.29	0.36	0.019	0.034	0.017	0.080	0.0010								
rs1003856	X	131.69	TGAGATTGAACTTTTTTTTGGAACAACTCAGTTTTTGCAACATCTGGCTTTTGACATC	CTGACATTCTCTAGTCAAACCACATATACGTATGAAGGATCACTTCTAGTCAAACCA	A	G	0.13	0.57	0.58	0.46	0.43	0.65	0.68	0.36	0.61	0.56	0.53	0.109	0.001	0.053	0.001	0.0011									
rs175327	X	131.95	CTAAGCCTGTCATATAGGCAAATGAGCTCTAAACACTTCATTTCTTCAGTTCCTCATj	AGTTTTTTCTGTTTCCTGTACCATCTTTTGCTAGTCTGCATGTCTGGGATTGTACCTTGA	A	G	0.36	0.57	0.56	0.55	0.61	0.50	0.07	0.40	0.81	0.56	0.56	0.023	0.128	0.025	0.001	0.0000									
rs757308	X	132.38	GCAGGTATGGCTGGACCAAATGGTTCCATCTCTTACAGGACAAGGCCGCTAAATTGGAGCTCACATGTTCTTCTGGCACACAGATTACATCATGGAGCTGAGTTTGC		G	0.60	0.33	0.31	0.34	0.21	0.23	0.80	0.35	0.39	0.18	0.22	0.045	0.127	0.001	0.006	0.0075	1	1		1						
rs1982	X	132.41	GAAATGTCTGACAAATAAGTCTCTCTTGTGACCCTCATGTGAGCACTTTTGAGAAAGAGjAGCCTATAGCGAACTTCTGAGAATTAAGCCTTTTGCTTTCTATATTTTATATTCATGTGTA		A	G	0.29	0.61	0.61	0.59	0.71	0.68	0.20	0.59	0.57	0.70	0.65	0.051	0.082	0.004	0.006	0.0047									
rs1384191	X	132.74	GGAGGAAAACTCTTGGCTACACTAATCAAACCCACACTACTCCCTGGTTATGCTCCCC	TGATGTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.50	0.42	0.39	0.35	0.46	0.55	0.21	0.47	0.23	0.42	0.46	0.016	0.038	0.021	0.007	0.0008									
rs2254857	X	133.54	CCCTCACCCTGAATCCTGGTTCCTCTCCCTAAGGCCCTGGATCTAGGTCAGGGAAAGjAGCCACTTAACATATATGCTGACTCCAAGAACGCCTTCTTTGTGCTTCACCAACATG		A	G	0.19	0.22	0.28	0.20	0.14	0.20	0.17	0.16	0.23	0.17	0.25	0.008	0.022	0.017	0.010	0.0002	1								
rs725584	X	133.91	ATTGGGGTAAGTGGAGGCACGCATAGGGGATAGCAGTTTTGGACAGAGCCTTTCCAGAGCGCGAATCGTTTTGCAGGGTGCAGAATCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT		A	G	0.50	0.23	0.21	0.24	0.30	0.45	0.55	0.21	0.30	0.23	0.30	0.051	0.002	0.004	0.038	0.0060		1							
rs1016812	X	134.02	GTACTGGCACGCCTTATTCCTTTTGTAGCAATCTTCGTTCTGACTTTTTTATGCCCC	AATTATAGAGTGTATGTCAGGTTATTTTCTGCCAGTCCCCTTTCCCACCAATCTATGGTGAGATATT	A	G	0.45	0.61	0.52	0.52	0.64	0.77	0.65	0.54	0.54	0.49	0.52	0.001	0.006	0.000	0.038	0.0003									
rs877761	X	134.14	CCTGGGCCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	TTTTATGCCAGGGTGGGTTCTTGGTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	A	G	0.26	0.53	0.54	0.57	0.61	0.77	0.71	0.46	0.55	0.48	0.030	0.018	0.002	0.041	0.0012	1									
rs975379	X	134.43	AGGATTGTGTCCCCTCGCCACTGCCACACACTCCCCCACCCCAAACACAGCAGGAGjAAGTCATGCTTTGAAGGGAATTCTGGAAGAAATTTCTAGTCATAGCTGGGCTCTTGG		A	G	0.43	0.13	0.20	0.12	0.13	0.09	0.73	0.27	0.11	0.16	0.16	0.034	0.147	0.006	0.010	0.0009									
rs1190742	X	134.78	ATATGCATCTAAAATGTTAGTTGCTGTCTCTAAATTCTAAACCAAATTGTAAGCATGCAGCAGTGGCAGGGTGCAGGGGCAGGGCAGTGTGGGGGCAGTGCAGTGCAGAATTTTGC		C	G	0.83	0.48	0.48	0.51	0.45	0.68	1.00	0.57	0.58	0.52	0.48	0.051	0.183	0.004	0.008	0.0002									
rs2064155	X	135.23	TCCCTCTTGTGCAGCTTGTACACCTCTGGCCACAGCACTTGTTACTCCCATTTTTAGj	TTTGCCTGTCTTTAAAAGAGTTCGAACGTTTCCAATCTTGAACTCTTCCAACCTGAC	G	G	0.12	0.30	0.32	0.35	0.32	0.36	0.19	0.26	0.38	0.42	0.33	0.033	0.014	0.014	0.000	0.0000	1								
rs1208233	X	135.23	CAACTGCTTGATGCAGGATTTATACTGATTTTGAGAATTTTATCTGATTTGATGAGj	AGGGTTTCTGTGCTGCTTGATTCCATACAACAGACAGCTTTGGTTCTCTCTCTCTCT	A	G	0.12	0.30	0.32	0.35	0.32	0.36	0.19	0.26	0.38	0.42	0.33	0.033	0.014	0.014	0.000	0.0000	1								
rs997831	X	135.60	AAATCAAAGGGTCAGCAGATGAACAGTAGAGATATAATAACGGTGAAACAGAGATGAjATTCTGGGAGAGGCTAAAGGACAGTTTTATCTCAAGATTGCACTGAAGTGGAAGAAA		A	T	0.26	0.29	0.21	0.18	0.32	0.18	0.26	0.18	0.29	0.18	0.22	0.006	0.004	0.000	0.000	0.0024									
rs1339270	X	135.72	GCCTGGCTTTGATCCAGGTTTGTCTGCAGATGTATGTGAAGTTGTGAAGTTTGTCAAC	TCTGAAGATATATTTTGAAGGTACAGGCCGGAAAGCATTTACTACAGAATGAGTGCAGAAGTCT	A	G	0.71	0.64	0.58	0.62	0.71	0.77	0.41	0.53	0.64	0.71	0.66	0.005	0.018	0.004	0.009	0.0017									
rs1487921	X	136.11	TAGGATATCCCTAAACCAAGCGAGGGGAGACCTAGTCACATCACAATTAAGAAGAACATjATCACTACAATTATCCTTTTCTCACAGCCATATCATTTACATTTTTGTCACTTTC		A	T	0.57	0.49	0.47	0.45	0.41	0.23	0.42	0.40	0.50	0.45	0.50	0.003	0.004	0.001	0.038	0.0001	1								
rs2017465	X	136.53	CTTGATGCCTGAACCTTTAAAGGAGTTAGGGGTATGTGTGTGAGTTGTGAATCTTjAG	TTTAGTAGGAAGCCTTGTCCGAGGCATACATAATTTTCTGGGCACAGCGTTGCAGGA	G	G	0.81	0.79	0.74	0.78	0.71	0.55	0.60	0.68	0.82	0.78	0.84	0.006	0.006	0.000	0.015	0.0044			1						
rs728186	X	136.85	AGAAACCTTAGTCATTTTGCCCCTCCTGGTTTTCTGGCAGAGGCACTCTCTTTGGCAG	AGGTACCTGATGCACTGCCACGAAATGGATGGCTCCAGAAGGCTGCTTTACCACCAGGCTTTTCTCCAA	A	G	0.62	0.42	0.43	0.33	0.42	0.45	0.68	0.68	0.71	0.38	0.37	0.000	0.118	0.003	0.003	0.0031	1								
rs2485729	X	137.69	CATCAGCAATAACAACTTGATTGTGTAGCAACATCTGGAGCCTGGACAGCCAAGAjATATGCACATTCAAAAATTGCTAATGCTGGCCGGGCGCGGTGGCTCATGCCTGTA		A	G	0.48	0.02	0.01	0.02	0.00	0.32	0.28	0.03	0.00	0.01	0.01	0.203	0.117	0.018	0.125	0.0003	1								
rs387697	X	137.99	GGTGCAGGTTGTCTGTTTCTGGCACAAGTGTCGTGATTATCATATTTATAACGACCCAGAGTCTCACACAAGGAGCTTTCTCACCAAGGAGCTCTATGGCATGGCTCTGTCATCAA		A	G	0.45	0.49	0.42	0.52	0.34	0.41	0.56	0.50	0.36	0.40	0.45	0.000	0.006	0.000	0.001	0.0002									
rs1322334	X	138.34	AACCATTAGGTTGAAATGTTGATGGGGAAATTTATAACTGATGGATCAAGCTGCCAGCjAGGCCTAAACCCAGTGATTAATTTTAACATCACTAAAAGTTGGACAAGCAGATAATAT		A	G	0.76	0.47	0.42	0.46	0.41	0.18	0.48	0.21	0.50	0.44	0.39	0.073	0.005	0.043	0.026	0.0001	1								
rs1884148	X	138.54	TTGGCTAAATTGTTCAAAGCCTAATTAGTTCTCTCTATCAAATTACTGAATCACGCjACTATCTCCATTCCCTGGATTTTCTAAAATAGAGCAGTTTTTCAGTTTTTCAGAAGCTT		A	G	0.33	0.37	0.36	0.35	0.38	0.05	0.05	0.08	0.39	0.36	0.31	0.000	0.045	0.068	0.071	0.0011									
rs1565843	X	138.78	TTTAGTTTTGCAATGTCTCCAATGAACATAACTGCAACTCACAAGGAGCCAATAAGjAGCTCTGCCTTTAAAAGAGTCAGGTGATATCCCAAACAAACCCACCTCAGGATA		A	G	0.76	0.51	0.56	0.54	0.50	0.82	0.18	0.48	0.68	0.61	0.56	0.027	0.068	0.000	0.062	0.0015									
rs910977	X	139.53	GCCAAGGGAAGACCTAGGGTGGTGAGTGTGATGTGTGGTATGGTGGGAGGCTATTGGCTGCAAATAAAGGAGTGGGGCTTTTCAGGTGCTAAATCTTTCTTTTACATTAATTAC		C	G	0.19	0.15	0.24	0.13	0.22	0.14	0.15	0.27	0.18	0.21	0.18	0.001	0.005	0.005	0.007	0.0025	1								
rs17407	X	139.78	GTCCCTATGGTAATAGAATGATGAAAGGAAAGAATACCGGGAATTACAGGAATCCjAG	TTTTAGGAGTAGAAATCAAATTCTACTTTTTATATGGGTAGATGAAGCTGAAAGAC	A	G	0.83	0.63	0.60	0.59	0.61	1.00	1.00	0.92	0.79	0.52	0.51	0.027	0.146	0.082	0.146	0.0015									
rs971879	X	140.04	TTCCTGATCTCCCTCTCTGATTACAAGCCTGGACTACAAGCCTGGACACTCACAAACGGGCAAGGGTGGAGGCTCTGAGGTCTCTCTGCATCTCTCATCTTTTCATCTTTTCAGA		G	G	0.74	0.43	0.52	0.56	0.36	0.14	0.60	0.24	0.46	0.58	0.58	0.033	0.223	0.020	0.085	0.0008	1								
rs1555622	X	140.77	CAAATGACCTTCCAGAGGAGGCATAAATTTGGTACCCAAATTTGTTGCAGCATTTCAACjAG	GTTTTTTTCACCGTCAACATATTTTCCATGTATATTTTATCTTTCTCTCTCTCTCTCT	A	G	0.69	0.36	0.33	0.34	0.29	0.59	0.79	0.30	0.46	0.35	0.28	0.111	0.005	0.001	0.012	0.0005	1								
rs1997686	X	140.86	AGATTATAAAAGGCTCTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	G	0.40	0.22	0.22	0.21	0.21	0.40	0.37	0.21	0.21	0.32	0.23	0.020	0.012	0.000	0.011	0.0003									
rs1598955	X	141.01	TTTGAATCAATTGAGTCCATAGATAAAATAACAACAACAAAATCCCACATCACCTCCjAG	GATAGAAACAAAGTCAATCTATTTTTGTTGCAATGCAGATTAAATAATACGAAAGC	A	G	0.31	0.67	0.65	0.59	0.71	0.32	0.69	0.41	0.58	0.57	0.66	0.078	0.023	0.021	0.075	0.0002									
rs826358	X	141.19	GATTTCAGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A	G	0.48	0.64	0.60	0.55	0.59	0.32	0.34	0.34	0.69	0.51	0.49	0.001	0.016	0.029	0.025	0.0030									
rs992566	X	141.40	TGTGGTAAAGGGAACCAGGAATTGCATGGTAGCCACATTCGCTGGAGCTCTAGTTAjAG	GTGATATGGATGGAATAAAGAAACTAGGAATTGCATTTCAGAGTCATCCTGGGJ	A	G	0.79	0.53	0.45	0.46	0.34	0.64	0.68	0.77	0.36	0.57	0.55	0.048	0.029	0.046	0.020	0.0038	1								
rs2509128	X	141.80	TTTTTCAACACAAGTCAGTTAATTTATGCAAACATCTTTCCCCAGTGATTAAGCAGAACCCjAAGATTGTATTAAATTCTGTGTTCCTATGTACTGTTGGCTCTGTTTAGT		A	G	0.69	0.83	0.86	0.99	0.96	0.95	0.93	0.94	1.00	0.98	0.95	0.079	0.005	0.000	0.000	0.0004									
rs644429	X	142.47	CTGAAAAAAATAATACATCAGGTAGAATTTAAAAAGCTGAATGGAAATTTTCATCTjAG	TATTAAACATGACACACATGTCTAAACAAGGTATGTGTATGCACGGGAACTGAAACC	A	G	0.81	0.63	0.56	0.51	0.64	0.77	0.86	0.66	0.43	0.53	0.55	0.048	0.072	0.007	0.031	0.0003	1								
rs17410	X	142.89	GAGCCAAGTCCAGCACCTGTTGCAGCCTGGCAGGTGTGGCAATGGTTGGACACAGGGTGCTGACACATCAGGCTGCTGACACATCTGGGCCTCCTCCCAGACTGGGCCACGAC		A	G	0.33	0.65	0.61	0.60	0.45	0.59	0.60	0.50	0.46	0.64	0.55	0.022	0.000	0.002	0.001	0.0008									
rs505004	X	142.92	TGCTCAAATCGCCATCATCATAGGTTTACTTGATGCTGTGGCACAGAGAACATCTjAGGAGTGTAAAGGCTCTCAAACTCTCATTGGTGCCCATAAATGAAGTGTTTCTCACTTT		A	G	0.52	0.60	0.56	0.57	0.68	0.50	0.56	0.68	0.56	0.65	0.61	0.000	0.003	0.022	0.000	0.0006									
rs1151983	X	143.29	CTCTTAAATATTCAGCAGAGTATTTTGAATGCATGTGAGGAACTCGCCTAGGTAAAjAG	GAAAGGACTACTCAAGAAGATTAAGAACAATCCCAAGTTTCAACAAGCTTTGAGC	A	G	0.19	0.46	0.52	0.55	0.57	0.41	0.50	0.60	0.29	0.55	0.45	0.063	0.001	0.005	0.010	0.0042	1								
rs2057211	X	143.58	BATATTATAATTCAGCCGATATGTTCTCTGCTATAAGAGTAGAAAGAGGAAAAATCjTCTGTAACTGTTGTCATTCAAACCTTTTCCTGCTTCCAGAGGTTTCTGAGGGGTTTATTAAAAC		A	G	0.88	0.89	0.85	0.87	0.77	0.82	0.98	0.87	0.79	0.85	0.79	0.000	0.023	0.052	0.002	0.0047	1								
rs871156	X	143.67	TGTTTGGGTCCCGCTGTGTTGGTGATTAGGCCTCTGGGTGGAAGCCAATCTCCACAGjATCATAGGTTGCCTTATCGGTGCTATTGACCAGTCCAGTTCTTGTTGGAAGG		A	G	0.57	0.44	0.56	0.59	0.50	0.45	0.67	0.51	0.57	0.55	0.49	0.000	0.004	0.005	0.011	0.0043									
rs1018630	X	144.08	CACCTCCTTCACAATCAGATCACTTGTTAGGGAAAATATAATGAGGAAGCTGTAAGCjCGTGTACAGCAGCCCCTTCTTATTACCACTGGGCAAGGTTCTCTAAAATGAGATC		G	G	0.55	0.53	0.48	0.48	0.48	0.50	0.45	0.97	0.40	0.50	0.56	0.046	0.002	0.162	0.019	0.001	0.0006	1							
rs996435	X	144.31	GAAAATTTAAAATGGAAAAGAAGCAATATTTACAGAAATTTTAGCAGATAATTTTCCAjAG	GCCCTAGTGGATTGCATCAAACTTTAGTTTCAAGAAGCATTCTGCATCCAAGCAA	A	G	0.86	0.68	0.70	0.86	0.73	0.91	0.99	0.66	0.82	0.65	0.73	0.018	0.123	0.003	0.040	0.0004									
rs1575003	X	144.52	CTCGACCTTATTCTAATTGGTTTTGCTTTAAATAGAAATTGTCTTTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT		A	G	0.48	0.38	0.39	0.39	0.39	0.23	0.30	0.41	0.36	0.43	0.61	0.001	0.003	0.000	0.020	0.0156		1		1					
rs1338935	X	144.61	GTTTTTTGTATTTAATGTAGGCATGACTGAAATTAAGAGCAGGAGAAGTACGCCjAG	GGTTTCAAGTATACAGGAAGGCAACAGGATCATGGGTTCTGGGTGCAAGTTTAGTACATGCTTAAAACATG	A	G	0.55	0.30	0.28	0.30	0.30	0.34	0.14	0.36	0.14	0.25	0.38	0.027	0.001	0.021	0.032	0.0017									
rs2064410	X	144.74	AAGGAATGGGAGGAAAGCTCTAAAGGATGAATCTCAGGATCACTAGGATAACTGCjAG	GCCCATGGTGATCATAGGACTCAGAGGAGGATCAGGAATCCAGGCTCTGGGCTCA	A	G	0.22	0.22	0.22	0.22	0.36	0.56	0.39	0.11	0.34	0.41	0.001	0.015	0.003	0.000	0.0082	1									
rs560699	X	145.24	TATATACTTAAACTAAACCAAGGATAACATCATGATGAATGTTTCATTGTTTGCTGTjAG	GGATTCTAAGAAGCTTAGATCTCAATTTCATAATAGCTGTCCTCAGAAAACATTTCTT	A	G	0.21	0.25	0.15	0.22	0.14	0.14	0.21	0.22	0.11	0.21	0.18