

STable 1 Top SNPs ($P < 0.00001$) associated with overall survival of pancreatic cancer patients in PanScanII + PanC4

SNP	Chrom.	Gene	Allele	Funcioal annotation ^a	Genotype	HR (95% CI) ^b	P value ^b	N (Dead Alive)	MST (month) ^c	Log-rank P	P value ^d	Genotype source ^e	Quality score ^f	MAF
rs113988120	2	PAIP2B	T>A	6	AA	1.00	-	721 118	14.87			FullImputed	0.896	0.015
					AT	3.06 (2.10-4.47)	6.40E-09	29 0	9.67					
					TT	-	-	0	-	1.60E-05	6.40E-09			
rs112493246	2	DYSF	G>C	5	CC	1.00	-	721 118	14.87			FullImputed	0.882	0.016
					CG	3.06 (2.10-4.47)	6.40E-09	29 0	9.67					
					GG	-	-	0	-	1.60E-05	6.40E-09			
rs138529893	2	DYSF	G>A	5	AA	1.00	-	721 118	14.87			FullImputed	0.88	0.016
					AG	3.06 (2.10-4.47)	6.40E-09	29 0	9.67					
					GG	-	-	0	-	1.60E-05	6.40E-09			
rs4780973	16	DC1019270	C>T	5	TT	1.00	-	377 53	12.7			FullImputed	0.995	0.692
					TC	0.79 (0.68-0.92)	0.0022	315 50	15.03					
					CC	0.50 (0.38-0.66)	1.30E-06	58 15	21.7	3.40E-03	1.10E-07			
rs73678290	8		A>C	7	CC	1.00	-	725 117	14.83			FullImputed	0.84	0.018
					CA	3.22 (2.15-4.83)	1.60E-08	24 1	6.9					
					AA	1.73 (0.24-12.41)	0.58	1 0	9.53	8.50E-05	1.50E-07			
rs188829692	17		G>A	7	AA	1.00	-	729 118	14.83			FullImputed	0.577	0.015
					AG	3.32 (2.13 -5.17)	1.10E-07	21 0	7.9					
					GG	-	-	0	-	9.90E-07	2.40E-07			
rs112013185	10		T>G	6	GG	1.00	-	682 116	15.03			FullImputed	0.899	0.048
					GT	1.88 (1.45-2.44)	2.00E-06	64 2	9.6					
					TT	2.84 (1.06-7.62)	0.039	4 0	10.2	3.40E-05	2.70E-07			
rs116820831	4		C>T	6	TT	1.00	-	721 117	15.03			FullImputed	0.665	0.024
					TC	2.67 (1.83-3.89)	3.20E-07	29 1	9.35					
					CC	-	-	0	-	7.80E-06	3.20E-07			
rs62079230	18		A>T	7	TT	1.00	-	707 117	14.93			FullImputed	0.556	0.028
					TA	2.26 (1.65-3.09)	3.20E-07	43 1	11.03					
					AA	-	-	0	-	7.50E-04	3.20E-07			
rs36100506	10		T>C	6	CC	1.00	-	632 105	15.3			FullImputed	0.991	0.085
					CT	1.60 (1.30-1.97)	8.00E-06	108 13	11.23					
					TT	2.46 (1.30-4.64)	0.0056	10 0	8.6	4.20E-03	3.40E-07			
rs112200284	11		G>A	7	AA	1.00	-	647 114	15.13			FullImputed	0.74	0.068
					AG	1.73 (1.40-2.14)	3.10E-07	102 4	10.88					
					GG	1.53 (0.21-10.91)	0.67	1 0	15.7	1.70E-04	3.70E-07			
rs142127366	11		C>T	7	TT	1.00	-	728 117	14.87			FullImputed	0.736	0.019
					TC	3.08 (1.99-4.74)	3.80E-07	22 1	9.2					
					CC	-	-	0	-	1.80E-07	3.80E-07			
rs8048358	16		A>G	4	GG	1.00	-	368 48	13.07			FullImputed	0.987	0.315
					GA	0.79 (0.68-0.92)	0.0024	322 55	15.07					
					AA	0.51 (0.39-0.68)	2.20E-06	60 15	21.57	4.80E-03	4.20E-07			
rs11643122	16		A>G	7	GG	1.00	-	370 49	13.07			FullImputed	0.987	0.31
					GA	0.79 (0.68-0.92)	0.0025	320 55	15.07					
					AA	0.51 (0.39-0.68)	2.40E-06	60 14	21.57	5.80E-03	4.50E-07			
rs12773660	10		T>A	7	AA	1.00	-	634 105	15.3			FullImputed	0.986	0.086
					AT	1.59 (1.30-1.96)	1.10E-05	106 13	11.23					
					TT	2.45 (1.30-4.62)	0.0057	10 0	8.6	6.40E-03	4.70E-07			
rs35638978	10		C>T	5	TT	1.00	-	634 105	15.3			FullImputed	0.988	0.086

rs17103318	10		G>A	2a	TC	1.59 (1.30-1.96)	1.10E-05	106 13	11.23	6.40E-03	4.70E-07	FullImputed	0.988	0.086
					CC	2.45 (1.30-4.62)	0.0057	10 0	8.6					
					AA	1.00	-	634 105	15.3					
					AG	1.59 (1.30-1.96)	1.10E-05	106 13	11.23					
rs11200956	10		G>A	6	GG	2.45 (1.30-4.62)	0.0057	10 0	8.6	6.40E-03	4.70E-07	FullImputed	0.99	0.085
					AA	1.00	-	634 105	15.3					
					AG	1.59 (1.30-1.96)	1.10E-05	106 13	11.23					
					GG	2.45 (1.30-4.62)	0.0057	10 0	8.6					
rs9815265	3	RAB6B	T>C	3a	CC	1.00	-	279 36	13.2	6.40E-03	4.70E-07	ImputedInPanSca	0.903	0.403
					CT	0.87 (0.74-1.02)	0.084	362 55	14.6					
					TT	0.55 (0.44-0.69)	2.00E-07	109 27	22.1					
					GG	2.45 (1.30-4.62)	0.0057	10 0	8.6					
rs11200957	10		C>G	7	GC	1.59 (1.29-1.95)	1.30E-05	107 13	11.23	7.10E-04	5.50E-07	FullImputed	0.99	0.085
					CC	2.45 (1.30-4.63)	0.0057	10 0	8.6					
					AA	1.00	-	633 105	15.3					
					GG	1.00	-	633 105	15.3					
rs11528377	10		T>A	6	AT	1.59 (1.29-1.95)	1.30E-05	107 13	11.23	5.70E-03	5.70E-07	FullImputed	0.99	0.085
					TT	2.45 (1.30-4.63)	0.0057	10 0	8.6					
					AA	1.00	-	633 105	15.3					
					GG	1.00	-	633 105	15.3					
rs201397673	4	STPG2	X>T	6	TT	1.00	-	729 118	14.83	5.70E-03	5.70E-07	FullImputed	0.612	0.019
					TX	3.06 (1.97-4.75)	6.40E-07	21 0	8					
					XX	-	-	0	0					
					GG	1.00	-	182 44	16.87					
rs6759841	2		A>G	7	GA	1.38 (1.16-1.64)	0.00028	428 58	14.93	6.60E-05	6.40E-07	FullImputed	0.648	0.447
					AA	1.72 (1.38-2.14)	1.40E-06	140 16	11.37					
					XX	1.00	-	722 116	14.87					
					XA	2.64 (1.80-3.87)	6.70E-07	28 2	8.3					
rs71356106	9		A>X	6	AA	-	-	0	0	3.80E-04	6.70E-07	FullImputed	0.634	0.017
					GG	1.00	-	310 42	13.5					
					GC	0.83 (0.71-0.97)	0.017	345 53	14.93					
					CC	0.55 (0.44-0.70)	5.70E-07	95 23	21.93					
rs34606727	3	B4GALT4	X>G	4	GG	1.00	-	270 34	13.47	3.30E-03	6.90E-07	FullImputed	0.997	0.419
					GX	0.85 (0.73-1.00)	0.047	358 54	14.2					
					XX	0.57 (0.46-0.71)	4.40E-07	122 30	20					
					CC	1.00	-	734 118	14.83					
rs9829385	3	C3orf58	T>C	6	CT	3.57 (2.16-5.90)	7.20E-07	16 0	8.47	9.20E-05	7.00E-07	FullImputed	0.913	0.011
					TT	-	-	0	0					
					GG	1.00	-	635 105	15.3					
					GT	1.58 (1.28-1.95)	1.80E-05	105 13	11.23					
rs11200952	10		T>G	7	TT	2.44 (1.29-4.61)	0.0059	10 0	8.6	8.20E-03	7.60E-07	ImputedInPanC	0.988	0.086
					TT	1.00	-	214 28	12.7					
					TC	0.79 (0.67-0.94)	0.0072	356 56	14					
					CC	0.60 (0.49-0.74)	8.40E-07	180 34	18.43					
rs7003310	8		C>T	5	GG	1.00	-	586 102	15.57	3.20E-02	7.80E-07	FullImputed	0.873	0.108
					GT	1.57 (1.32-1.88)	5.10E-07	159 15	12					
					TT	1.45 (0.60-3.52)	0.41	5 1	21.33					
					CC	0.60 (0.49-0.74)	8.40E-07	180 34	18.43					
rs34478259	8	ZHX2	T>G	7	GG	1.00	-	586 102	15.57	1.40E-03	8.30E-07	FullImputed	0.865	0.017
					GT	1.57 (1.32-1.88)	5.10E-07	159 15	12					
					TT	1.45 (0.60-3.52)	0.41	5 1	21.33					
					CC	0.60 (0.49-0.74)	8.40E-07	180 34	18.43					
rs35098046	2		T>G	7	GG	1.00	-	717 117	14.93	4.80E-04	8.50E-07	FullImputed	0.871	0.017
					GT	2.43 (1.71-3.46)	8.50E-07	33 1	9.67					
					TT	-	-	0	0					
					AA	1.00	-	717 117	14.93					
rs34022557	2	MCEE	G>A	7	AG	2.43 (1.71-3.46)	8.50E-07	33 1	9.67	4.80E-04	8.50E-07	FullImputed	0.871	0.017
					GG	-	-	0	0					
					TT	-	-	0	0					
					AA	1.00	-	717 117	14.93					
rs75068379	9		C>T	7	TT	1.00	-	721 118	14.83	4.80E-04	8.50E-07	FullImputed	0.775	0.014
					GG	-	-	0	0					

				TC	2.57 (1.77-3.75)	8.70E-07	29 0	8.97						
				CC	-	-	0		4.00E-05	8.70E-07				
rs71595738	4		G>A	5	AA	1.00	-	686 113	15.07			FullImputed	0.465	0.071
					AG	1.85 (1.42-2.41)	5.50E-06	62 5	10.1					
					GG	4.54 (1.12-18.36)	0.034	2 0	6.48	2.70E-05	9.20E-07			
rs149094051	4		G>C	7	CC	1.00	-	732 118	14.87			FullImputed	0.658	0.014
					CG	3.32 (2.05-5.36)	9.50E-07	18 0	7.47					
					GG	-	-	0		2.40E-07	9.50E-07			
rs4568126	3	B4GALT4	C>A	6	AA	1.00	-	266 35	13.7			ImputedInPanSca	0.989	0.421
					AC	0.85 (0.72-0.99)	0.042	361 53	14.3					
					CC	0.58 (0.47-0.72)	6.80E-07	123 30	18.3	2.00E-04	9.90E-07			
rs72821416	10	SLK	T>C	5	CC	1.00	-	687 116	15.07			FullImputed	0.714	0.044
					CT	1.92 (1.48-2.50)	1.00E-06	63 2	10.37					
					TT	-	-	0		2.00E-05	1.00E-06			
rs75129701	11	KIAA1731	A>C	7	CC	1.00	-	677 113	15.07			FullImputed	0.725	0.041
					CA	1.88 (1.47-2.40)	4.50E-07	72 5	10.77					
					AA	1.17 (0.16-8.36)	0.88	1 0	18.77	9.80E-03	1.00E-06			
rs34634781	2		A>G	7	GG	1.00	-	718 117	14.93			FullImputed	0.89	0.017
					GA	2.44 (1.70-3.49)	1.10E-06	32 1	9.67					
					AA	-	-	0		4.00E-04	1.10E-06			
rs12988407	2		C>G	7	GG	1.00	-	366 73	17.17			FullImputed	0.899	0.287
					GC	1.29 (1.11-1.50)	0.00087	327 42	13.07					
					CC	1.93 (1.45-2.56)	7.00E-06	57 3	9.8	8.60E-05	1.10E-06			
rs6780425	3	ZBTB20	T>A	6	AA	1.00	-	492 93	15.8			FullImputed	0.996	0.834
					AT	1.44 (1.23-1.70)	7.40E-06	234 22	13.9					
					TT	1.72 (1.14-2.61)	0.01	24 3	10.5	5.90E-03	1.10E-06			
rs6438217	3	ZBTB20	T>C	6	CC	1.00	-	492 93	15.5			FullImputed	0.998	0.834
					CT	1.44 (1.23-1.70)	7.40E-06	234 22	13.7					
					TT	1.72 (1.14-2.61)	0.01	24 3	10.5	5.90E-03	1.10E-06			
rs76288321	4	C4orf21	G>T	7	TT	1.00	-	730 118	14.83			FullImputed	0.897	0.013
					TG	3.48 (2.11-5.76)	1.10E-06	20 0	7.02					
					GG	-	-	0		4.40E-07	1.10E-06			
rs77404356	4	LARP7	G>A	2b	AA	1.00	-	731 118	14.83			FullImputed	0.888	0.013
					AG	3.49 (2.11-5.76)	1.10E-06	19 0	6.83					
					GG	-	-	0		4.20E-07	1.10E-06			
rs139456100	13		X>G	6	GG	1.00	-	698 115	14.87			FullImputed	0.906	0.033
					GX	1.89 (1.41-2.53)	1.90E-05	50 3	10.73					
					XX	13.24 (3.27-53.60)	3.00E-04	2 0	4.93	1.20E-04	1.10E-06			
rs1274217	3	ZBTB20	A>C	6	CC	1.00	-	502 94	15.73			FullImputed	0.998	0.164
					CA	1.45 (1.23-1.70)	6.70E-06	225 21	13.9					
					AA	1.70 (1.11-2.59)	0.014	23 3	8.6	9.60E-03	1.20E-06			
rs1274222	3	ZBTB20	T>C	7	CC	1.00	-	502 94	15.73			FullImputed	0.998	0.164
					CT	1.45 (1.23-1.70)	6.70E-06	225 21	13.9					
					TT	1.70 (1.11-2.59)	0.014	23 3	8.6	9.60E-03	1.20E-06			
rs1298330	3	ZBTB20	G>C	5	CC	1.00	-	502 94	15.73			FullImputed	0.998	0.164
					CG	1.45 (1.23-1.70)	6.70E-06	225 21	13.9					
					GG	1.70 (1.11-2.59)	0.014	23 3	8.6	9.60E-03	1.20E-06			
rs4643703	3	B4GALT4	T>C	1b	CC	1.00	-	269 35	13.8			FullImputed	0.998	0.419
					CT	0.86 (0.74-1.01)	0.069	359 53	14.07					
					TT	0.58 (0.47-0.72)	6.50E-07	122 30	20	1.60E-04	1.20E-06			
rs78566266	3		T>C	5	CC	1.00	-	700 116	14.87			FullImputed	0.386	0.029

rs115836230	6	HCG17	C>T	-	CT	1.96 (1.47-2.63)	6.50E-06	49 2	10.97	0.00E+00	1.20E-06	FullImputed	0.663	0.136
					TT	1.26 (35.85-2702)	1.90E-07	1 0	0.83					
					TT	1.00	-	612 87	14.07					
					TC	0.65 (0.54-0.79)	1.40E-05	128 28	16.57					
rs37575	5	PDE4D	A>T	7	CC	0.45 (0.24-0.84)	0.013	10 3	27.03	1.20E-02	1.20E-06	FullImputed	0.988	0.318
					TT	1.00	-	352 38	12.37					
					TA	0.71 (0.61-0.82)	5.70E-06	328 62	15.8					
					AA	0.63 (0.49-0.81)	0.00032	70 18	18.33					
rs72943208	11	MTL5	G>A	7	AA	1.00	-	586 103	15.33	3.10E-04	1.30E-06	FullImputed	0.997	0.108
					AG	1.42 (1.18-1.70)	0.00016	152 15	12.6					
					GG	3.17 (1.78-5.65)	9.40E-05	12 0	9.08					
					XX	1.00	-	584 103	15.33					
rs79508772	11	MTL5	T>X	-	XT	1.42 (1.18-1.70)	0.00015	154 15	12.63	5.70E-06	1.30E-06	FullImputed	0.998	0.108
					TT	3.17 (1.78-5.66)	9.30E-05	12 0	9.08					
					AA	1.00	-	278 38	13.37					
					AC	0.86 (0.73-1.01)	0.062	350 51	14.3					
rs62265180	3	B4GALT4	C>A	7	CC	0.58 (0.47-0.72)	8.20E-07	122 29	20	3.90E-04	1.40E-06	FullImputed	0.997	0.412
					GG	1.00	-	588 103	15.33					
					GC	1.42 (1.18-1.70)	0.00017	150 15	12.6					
					CC	3.17 (1.78-5.65)	9.40E-05	12 0	9.08					
rs3181041	11		C>G	4	TT	1.00	-	425 80	16.27	4.00E-06	1.40E-06	FullImputed	0.996	0.106
					TC	1.31 (1.13-1.53)	0.00042	284 35	13.13					
					CC	1.96 (1.42-2.72)	4.60E-05	41 3	10.65					
					TT	1.00	-	713 116	15.03					
rs8107839	19		C>T	6	TC	2.27 (1.62-3.17)	1.50E-06	37 2	8.9	8.10E-05	1.50E-06	FullImputed	0.899	0.029
					CC	-	-	0						
					CC	1.00	-	203 36	17.9					
					CT	1.35 (1.13-1.60)	0.00066	372 55	14.07					
rs62268876	3	SLC9A9	C>T	7	TT	1.64 (1.33-2.01)	2.80E-06	175 27	12.67	2.10E-02	1.70E-06	FullImputed	0.994	0.028
					GG	1.00	-	698 118	15.03					
					GA	1.99 (1.49-2.66)	3.60E-06	51 0	10.27					
					AA	4.31 (0.57-32.44)	0.16	1 0	4.43					
rs1010527	5		A>G	6	GG	1.00	-	698 118	15.03	1.00E-06	1.70E-06	FullImputed	0.994	0.028
					GA	1.99 (1.49-2.66)	3.60E-06	51 0	10.27					
					AA	4.31 (0.57-32.44)	0.16	1 0	4.43					
					TT	1.00	-	698 118	15.03					
rs6883519	5		T>G	7	GT	1.99 (1.49-2.66)	3.60E-06	51 0	10.27	1.00E-06	1.70E-06	FullImputed	0.994	0.028
					TT	4.31 (0.57-32.44)	0.16	1 0	4.43					
					GG	1.00	-	698 118	15.03					
					GT	1.99 (1.49-2.66)	3.60E-06	51 0	10.27					
rs6888256	5		T>G	6	TT	4.31 (0.57-32.44)	0.16	1 0	4.43	1.00E-06	1.70E-06	FullImputed	0.995	0.028
					GG	1.00	-	698 118	15.03					
					GT	1.99 (1.49-2.66)	3.60E-06	51 0	10.27					
					TT	4.31 (0.57-32.44)	0.16	1 0	4.43					
rs1992711	5		G>A	4	AA	1.00	-	698 118	15.03	1.00E-06	1.70E-06	Genotyped	1	0.028
					AG	1.99 (1.49-2.66)	3.60E-06	51 0	10.27					
					GG	4.31 (0.57-32.44)	0.16	1 0	4.43					
					CC	1.00	-	698 118	15.03					
rs6861190	5		A>C	7	CA	1.99 (1.49-2.66)	3.60E-06	51 0	10.27	1.00E-06	1.70E-06	FullImputed	0.997	0.028
					AA	4.31 (0.57-32.44)	0.16	1 0	4.43					
					GG	1.00	-	698 118	15.03					
					GA	1.99 (1.49-2.66)	3.60E-06	51 0	10.27					
rs2020105	5		A>G	6	AA	4.31 (0.57-32.44)	0.16	1 0	4.43	1.00E-06	1.70E-06	FullImputed	0.996	0.028
					GG	1.00	-	698 118	15.03					
					GA	1.99 (1.49-2.66)	3.60E-06	51 0	10.27					
					AA	4.31 (0.57-32.44)	0.16	1 0	4.43					
rs116664242	6	HCG17	C>T	-	TT	1.00	-	609 87	14.07	9.50E-03	1.70E-06	FullImputed	0.655	0.141
					TC	0.66 (0.55-0.80)	1.90E-05	131 28	16.63					
					CC	0.45 (0.24-0.85)	0.013	10 3	27.03					
					CC	1.00	-	634 110	15.07					
rs58084587	2		C>C	-	CC	1.00	-	634 110	15.07			FullImputed	0.828	0.939

					CCG	1.52 (1.24-1.86)	6.90E-05	109 8	G	11.33					
					CGCG	4.77 (2.00-11.35)	0.00042	7 0	CG	7.23	2.50E-05	1.80E-06			
rs37572	5	PDE4D	A>T	5	TT	1.00	-	351 38		12.57			FullImputed	0.984	0.32
					TA	0.71 (0.61-0.82)	6.90E-06	328 61		15.8					
					AA	0.63 (0.49-0.82)	0.00039	71 19		18.33	3.70E-04	1.80E-06			
rs4731081	7		G>T	6	TT	1.00	-	191 40		17.9			FullImputed	0.8	0.541
					TG	1.19 (1.00-1.42)	0.048	376 61		15.03					
					GG	1.67 (1.36-2.04)	1.00E-06	183 17		12.13	5.80E-05	1.80E-06			
rs3136546	11		G>A	5	AA	1.00	-	590 103		15.33			ImputedInPanSca	0.966	0.105
					AG	1.41 (1.18-1.70)	0.00021	148 15		12.6					
					GG	3.16 (1.77-5.64)	9.70E-05	12 0		9.08	5.00E-06	1.80E-06			
rs8108975	19		T>C	6	CC	1.00	-	424 80		16.27			FullImputed	0.894	0.245
					CT	1.32 (1.13-1.53)	0.00033	286 35		13.13					
					TT	1.92 (1.38-2.67)	9.60E-05	40 3		10.67	1.50E-03	1.80E-06			
rs2866469	3	B4GALT4	C>T	5	TT	1.00	-	276 38		13.47			FullImputed	0.997	0.413
					TC	0.87 (0.74-1.02)	0.077	352 51		14.2					
					CC	0.59 (0.47-0.73)	1.00E-06	122 29		20	4.80E-04	1.90E-06			
rs10934487	3	B4GALT4	C>A	7	AA	1.00	-	259 34		13.37			FullImputed	0.997	0.422
					AC	0.83 (0.71-0.97)	0.02	360 55		14.6					
					CC	0.60 (0.49-0.74)	2.10E-06	131 29		18.4	6.30E-04	2.00E-06			
rs37576	5	PDE4D	T>C	7	CC	1.00	-	347 38		12.37			ImputedInPanSca	0.944	0.33
					CT	0.71 (0.61-0.82)	7.60E-06	327 61		15.73					
					TT	0.64 (0.50-0.82)	0.00033	76 19		18.4	3.20E-04	2.00E-06			
rs191219903	10	SLC29A3	G>T	5	TT	1.00	-	655 110		15.17			FullImputed	0.552	0.087
					TG	1.59 (1.28-1.98)	3.50E-05	91 8		11.4					
					GG	4.54 (1.68-12.24)	0.0028	4 0		13.2	5.30E-04	2.10E-06			
rs3856531	2		C>T	4	TT	1.00	-	379 74		17.1			ImputedInPanC	1	0.266
					TC	1.31 (1.13-1.52)	0.00043	320 41		12.97					
					CC	1.82 (1.36-2.45)	6.80E-05	51 3		9.83	2.90E-04	2.20E-06			
rs76754799	4	FAM53A	G>A	5	AA	1.00	-	725 118		14.87			FullImputed	0.581	0.014
					AG	2.66 (1.77-3.98)	2.20E-06	25 0		8.23					
					GG	-	-	0			1.80E-05	2.20E-06			
rs115634566	4	FAM53A	G>C	5	CC	1.00	-	725 118		14.87			FullImputed	0.587	0.014
					CG	2.66 (1.77-3.98)	2.20E-06	25 0		8.23					
					GG	-	-	0			1.80E-05	2.20E-06			
rs11255570	10		A>G	7	GG	1.00	-	696 111		14.93			FullImputed	0.938	0.036
					GA	1.78 (1.34-2.38)	8.20E-05	50 7		9.73					
					AA	4.48 (1.66-12.10)	0.0031	4 0		6.67	4.90E-04	2.20E-06			
rs11255571	10		A>T	7	TT	1.00	-	696 111		14.93			FullImputed	0.938	0.036
					TA	1.78 (1.34-2.38)	8.20E-05	50 7		9.73					
					AA	4.48 (1.66-12.10)	0.0031	4 0		6.67	4.90E-04	2.20E-06			
rs6432289	2		A>G	7	GG	1.00	-	155 36		16.87			FullImputed	0.555	0.51
					GA	1.43 (1.19-1.72)	0.00014	428 61		14.87					
					AA	1.68 (1.35-2.09)	3.40E-06	167 21		12.57	2.30E-02	2.30E-06			
rs12610476	19		C>T	5	TT	1.00	-	418 79		16.27			ImputedInPanC	0.829	0.25
					TC	1.27 (1.09-1.48)	0.0018	287 37		13.43					
					CC	2.02 (1.48-2.76)	9.00E-06	45 2		11.27	7.20E-04	2.30E-06			
rs3840489	3	B4GALT4	C>X	4	XX	1.00	-	264 34		13.37			FullImputed	0.996	0.422
					XC	0.84 (0.72-0.98)	0.03	359 55		14.77					
					CC	0.60 (0.48-0.74)	2.10E-06	127 29		18.4	3.50E-04	2.40E-06			
rs142005054	11		X>A	3a	AA	1.00	-	590 104		15.3			FullImputed	0.978	0.105

rs78809173	14	C>T	3a	AX	1.42 (1.18-1.70)	0.00016	149 14	12.63	1.40E-05	2.40E-06	FullImputed	0.776	0.015
				XX	3.02 (1.65-5.52)	0.00033	11 0	9.63					
				TT	1.00	-	721 118	14.93					
				TC	2.49 (1.71-3.64)	2.40E-06	29 0	10.5					
rs78044233	1	C>T	6	CC	-	-	0		4.70E-06	2.40E-06	FullImputed	0.845	0.474
				TT	1.00	-	190 32	17.6					
				TC	1.23 (1.03-1.46)	0.023	368 59	14.83					
rs76187045	1	A>G	7	CC	1.64 (1.34-2.01)	1.90E-06	192 27	12.5	1.40E-02	2.50E-06	FullImputed	0.845	0.474
				GG	1.00	-	190 32	17.6					
				GA	1.23 (1.03-1.46)	0.023	368 59	14.83					
rs71638317	1	SMYD3	C>T	AA	1.64 (1.34-2.01)	1.90E-06	192 27	12.5	1.40E-02	2.50E-06	FullImputed	0.746	0.022
				TT	1.00	-	720 117	14.77					
				TC	2.11 (1.44-3.09)	0.00014	28 1	10.97					
rs34830715	9	FAM189A2	T>A	CC	3.26 (5.66-95.63)	1.30E-05	2 0	3.82	4.20E-06	2.50E-06	FullImputed	0.681	0.022
				AA	1.00	-	717 115	14.87					
				AT	2.31 (1.63-3.28)	2.50E-06	33 3	9.93					
rs62462729	7	A>G	7	TT	-	-	0		4.10E-03	2.50E-06	FullImputed	0.907	0.152
				GG	1.00	-	521 97	15.57					
				GA	1.34 (1.14-1.57)	3.00E-04	216 20	13.9					
rs12186112	3	UPK1B	A>C	AA	3.47 (1.99-6.05)	1.10E-05	13 1	5.38	2.50E-04	2.60E-06	FullImputed	0.989	0.405
				CC	1.00	-	286 40	12.4					
				CA	0.84 (0.72-0.98)	0.028	342 52	14.6					
rs11707454	3	G>T	7	AA	0.60 (0.48-0.74)	2.60E-06	122 26	18.2	1.20E-03	2.70E-06	FullImputed	0.718	0.05
				TT	1.00	-	686 113	15.03					
				TG	1.86 (1.44-2.41)	2.70E-06	64 5	10.97					
rs76100990	5	COL23A1	A>G	GG	-	-	0		1.10E-03	2.70E-06	FullImputed	0.817	0.014
				GG	1.00	-	723 117	14.83					
				GA	2.54 (1.72-3.75)	2.70E-06	27 1	9.7					
rs6986513	8	T>C	4	AA	-	-	0		9.60E-04	2.70E-06	FullImputed	0.99	0.438
				CC	1.00	-	249 32	12.83					
				CT	0.75 (0.64-0.88)	0.00052	361 58	14.53					
rs142441596	9	PTPRD	G>A	TT	0.62 (0.50-0.76)	5.40E-06	140 28	18.67	1.20E-02	2.70E-06	FullImputed	0.776	0.016
				AA	1.00	-	729 116	14.83					
				AG	2.81 (1.82-4.32)	2.70E-06	21 2	8.3					
rs9311811	3	A>G	7	GG	-	-	0		8.70E-04	2.70E-06	Genotyped	1	0.478
				GG	1.00	-	207 34	17.33					
				GA	1.31 (1.10-1.55)	0.002	368 58	13.9					
rs9816766	3	C>T	5	AA	1.62 (1.32-1.99)	3.90E-06	175 26	13.43	2.30E-01	2.80E-06	FullImputed	0.999	0.478
				TT	1.00	-	207 34	17.33					
				TC	1.31 (1.10-1.55)	0.002	368 58	13.9					
rs967328	3	T>C	7	CC	1.62 (1.32-1.99)	3.90E-06	175 26	13.43	2.30E-01	2.80E-06	FullImputed	0.998	0.479
				CC	1.00	-	206 34	17.33					
				CT	1.32 (1.11-1.56)	0.0015	368 58	13.9					
rs9828065	3	G>A	7	TT	1.62 (1.32-1.99)	4.10E-06	176 26	13.43	2.10E-01	2.80E-06	FullImputed	0.913	0.011
				AA	1.00	-	735 118	14.83					
				AG	3.45 (2.06-5.80)	2.80E-06	15 0	9.33					
rs9824955	3	G>A	7	GG	-	-	0		2.70E-05	2.80E-06	FullImputed	0.912	0.011
				AA	1.00	-	735 118	14.83					
				AG	3.45 (2.06-5.80)	2.80E-06	15 0	9.33					
rs9830946	3	A>G	7	GG	-	-	0		2.70E-05	2.80E-06	FullImputed	0.914	0.011
				GG	1.00	-	735 118	14.83					

rs138888411	3	A>G	7	GA	3.45 (2.06-5.80)	2.80E-06	15 0	9.33	2.70E-05	2.80E-06	FullImputed	0.914	0.011
				AA	-	-	0						
				GG	1.00	-	735 118	14.83					
rs76554406	3	T>C	5	GA	3.45 (2.06-5.80)	2.80E-06	15 0	9.33	2.70E-05	2.80E-06	FullImputed	0.914	0.011
				AA	-	-	0						
				CC	1.00	-	735 118	14.83					
rs144611748	3	G>C	7	CT	3.45 (2.06-5.80)	2.80E-06	15 0	9.33	2.70E-05	2.80E-06	FullImputed	0.913	0.011
				TT	-	-	0						
				CC	1.00	-	735 118	14.83					
rs111352587	11	G>A	5	CG	3.45 (2.06-5.80)	2.80E-06	15 0	9.33	2.70E-05	2.80E-06	FullImputed	0.775	0.024
				GG	-	-	0						
				AA	1.00	-	720 116	14.93					
rs79024621	19	T>C	3a	AG	2.42 (1.67-3.50)	2.90E-06	30 2	8.9	2.90E-04	2.90E-06	FullImputed	0.451	0.02
				GG	-	-	0						
				CC	1.00	-	733 118	14.77					
rs115332040	4	A>G	7	CT	3.22 (1.97-5.25)	2.90E-06	17 0	9.67	7.00E-03	2.90E-06	FullImputed	0.657	0.072
				TT	-	-	0						
				GG	1.00	-	664 108	15.07					
rs72821420	10	G>A	7	GA	1.68 (1.33-2.12)	1.10E-05	83 10	10.97	7.60E-03	3.00E-06	FullImputed	0.712	0.044
				AA	2.64 (0.83-8.43)	0.1	3 0	11.07					
				AA	1.00	-	689 116	15.03					
rs41277708	15	C>T	4	AG	1.88 (1.44-2.45)	3.10E-06	61 2	10.37	4.40E-05	3.10E-06	FullImputed	0.74	0.075
				GG	-	-	0						
				TT	1.00	-	647 110	15.07					
rs147578788	3	C>A	7	TC	1.69 (1.37-2.09)	1.40E-06	101 7	10.8	1.90E-04	3.10E-06	FullImputed	0.955	0.025
				CC	1.23 (0.30-5.00)	0.77	2 1	15.57					
				AA	1.00	-	708 116	14.87					
rs115249471	3	T>C	6	AC	2.01 (1.46-2.77)	1.80E-05	41 2	10.5	2.00E-06	3.20E-06	FullImputed	0.955	0.025
				CC	0.86 (4.20-226.8)	0.00076	1 0	3.17					
				CC	1.00	-	708 116	14.87					
rs12522035	5	A>C	4	CT	2.01 (1.46-2.77)	1.80E-05	41 2	10.5	2.00E-06	3.20E-06	FullImputed	0.933	0.082
				TT	0.86 (4.20-226.8)	0.00076	1 0	3.17					
				CC	1.00	-	617 105	15.13					
rs147535729	7	T>C	7	CA	1.52 (1.26-1.84)	1.40E-05	128 12	11.8	6.60E-04	3.20E-06	FullImputed	0.691	0.015
				AA	2.30 (0.95-5.57)	0.066	5 1	8.53					
				CC	1.00	-	728 116	14.83					
rs1807249	7	C>A	7	CT	2.48 (1.62-3.82)	3.40E-05	21 2	7.83	3.30E-07	3.20E-06	FullImputed	0.985	0.192
				TT	7.00 (2.31-125.2)	0.0054	1 0	2.63					
				AA	1.00	-	475 80	15.97					
rs113924313	1	A>G	7	AC	1.51 (1.29-1.77)	2.50E-07	247 30	13.37	1.60E-02	3.20E-06	FullImputed	0.833	0.48
				CC	1.33 (0.90-1.95)	0.15	28 8	9.2					
				GG	1.00	-	195 31	17.3					
rs2181700	1	G>T	7	GA	1.24 (1.05-1.48)	0.013	369 61	14.83	3.60E-02	3.30E-06	FullImputed	0.833	0.48
				AA	1.63 (1.33-2.01)	2.80E-06	186 26	12.67					
				TT	1.00	-	195 31	17.3					
rs113309998	5	C>T	7	TG	1.24 (1.05-1.48)	0.013	369 61	14.83	3.60E-02	3.30E-06	FullImputed	0.718	0.015
				GG	1.63 (1.33-2.01)	2.80E-06	186 26	12.67					
				TT	1.00	-	731 118	14.83					
rs59567925	12	G>A	7	TC	2.97 (1.88-4.71)	3.40E-06	19 0	6.17	2.00E-06	3.40E-06	FullImputed	0.889	0.296
				CC	-	-	0						
				AA	1.00	-	386 49	13.83					

rs1869404	3	T>A	5	AG	0.77 (0.66-0.89)	0.00045	312 53	15.53	2.10E-02	3.40E-06	FullImputed	0.999	0.478	
				GG	0.57 (0.43-0.76)	0.00014	52 16	20.33						
				AA	1.00	-	207 34	17.33						
				AT	1.31 (1.10-1.55)	0.0019	367 58	13.9						
rs9813663	3	A>G	6	TT	1.61 (1.31-1.98)	5.00E-06	176 26	13.43	2.40E-01	3.50E-06	FullImputed	0.913	0.011	
				GG	1.00	-	734 118	14.83						
				GA	3.28(1.98 -5.41)	3.50E-06	16 0	8.47						
				AA	-	-	0	3.90E-05						3.50E-06
rs62387663	6	T>A	7	AA	1.00	-	716 117	14.93	2.90E-05	3.50E-06	FullImputed	0.891	0.017	
				AT	2.47 (1.73-3.51)	5.50E-07	33 1	8.28						
				TT	1.29 (0.18-9.26)	0.8	1 0	30.57						
				GG	1.00	-	676 113	15.2						
rs187374384	16	ITGAL	-	GA	1.75 (1.37-2.23)	7.70E-06	72 5	9.5	1.40E-05	3.50E-06	FullImputed	0.576	0.073	
				AA	2.55 (0.63-10.33)	0.19	2 0	7.62						
				GG	1.00	-	711 118	15.03						
				GA	2.18 (1.57-3.04)	3.60E-06	39 0	9.03						
rs151134852	5	G>A	5	AA	1.00	-	726 118	14.87	4.50E-07	3.60E-06	FullImputed	0.565	0.017	
				AG	2.66 (1.76-4.02)	3.70E-06	24 0	9.13						
				GG	-	-	0	8.10E-06						3.70E-06
				AA	1.00	-	559 103	15.3						
rs10947943	6	UNC5CL	G>A	AG	1.46 (1.23-1.73)	1.00E-05	183 15	12.07	2.50E-03	3.70E-06	FullImputed	0.96	0.14	
				GG	1.83 (0.91-3.70)	0.091	8 0	13.8						
				AA	1.00	-	623 105	15.03						
				AT	1.58 (1.30-1.92)	4.90E-06	124 13	11.23						
rs17127148	10	T>A	7	TT	1.76 (0.56-5.51)	0.33	3 0	17.1	1.10E-01	3.70E-06	FullImputed	0.968	0.079	
				AA	1.00	-	284 40	13.2						
				AG	0.85 (0.72-0.99)	0.037	344 52	14.77						
				GG	0.60 (0.49-0.74)	3.20E-06	122 26	18.4						
rs62263547	3	UPK1B	G>A	AA	1.00	-	709 116	14.93	1.60E-03	3.80E-06	FullImputed	0.774	0.024	
				AG	2.12 (1.54-2.91)	3.80E-06	41 2	9.5						
				GG	-	-	0	4.80E-04						3.80E-06
				AA	1.00	-	692 102	14.5						
rs75955426	3	G>A	6	AG	0.54 (0.42-0.71)	9.00E-06	57 15	18.1	6.80E-02	3.80E-06	FullImputed	0.96	0.041	
				GG	0.27 (0.04-1.91)	0.19	1 1	20.17						
				TT	1.00	-	733 118	14.77						
				TC	3.04 (1.84-5.03)	1.60E-05	16 0	12.82						
rs113747999	5	SREK1IP1	C>T	CC	4.76 (0.66-34.32)	0.12	1 0	4.73	1.50E-03	3.80E-06	FullImputed	0.882	0.012	
				AA	1.00	-	711 117	14.93						
				AT	2.16 (1.56-2.99)	3.80E-06	39 1	9.03						
				TT	-	-	0	1.70E-06						3.80E-06
rs56216401	22	MICAL3	T>A	TT	1.00	-	284 40	13.2	1.60E-03	3.90E-06	FullImputed	0.99	0.405	
				TC	0.84 (0.72-0.99)	0.036	345 52	14.77						
				CC	0.60 (0.48-0.74)	3.30E-06	121 26	18.4						
				CC	1.00	-	723 118	14.87						
rs62263546	3	UPK1B	C>T	CT	2.48 (1.67-3.68)	6.40E-06	26 0	7.28	1.20E-03	3.90E-06	FullImputed	0.849	0.018	
				TT	3.01 (0.42-21.51)	0.27	1 0	10.23						
				CC	1.00	-	323 35	13.07						
				CT	0.74 (0.64-0.86)	0.00013	332 65	15.8						
rs73157529	3	T>C	6	TT	0.63 (0.50-0.79)	6.50E-05	95 18	15.9	1.40E-02	4.00E-06	FullImputed	0.941	0.36	
				CT	1.00	-	322 35	13.07						
				CC	1.00	-	323 35	13.07						
				AA	1.00	-	322 35	13.07						

rs62083974	18	FHOD3	A>G	6	AG	0.74 (0.64-0.86)	0.00014	333 65	15.67	1.50E-02	4.00E-06	FullImputed	0.782	0.204
					GG	0.63 (0.50-0.79)	6.50E-05	95 18	15.9					
					GG	1.00	-	507 66	13.9					
					GA	0.69 (0.59-0.81)	3.60E-06	224 45	15.17					
rs2644254	18	FHOD3	G>A	5	AA	0.67 (0.43-1.02)	0.063	19 7	26.17	8.00E-03	4.10E-06	ImputedInPanSca	1	0.799
					AA	1.00	-	491 57	13.93					
					AG	0.70 (0.60-0.82)	7.90E-06	227 56	15.4					
rs117692629	16		G>A	5	GG	0.64 (0.44-0.93)	0.019	32 5	19.27	9.90E-04	4.10E-06	FullImputed	0.844	0.011
					AA	1.00	-	735 118	14.83					
					AG	3.39 (2.02-5.71)	4.20E-06	15 0	7.67					
rs139168389	17		X>T	5	GG	-	-	0		3.30E-06	4.20E-06	FullImputed	0.777	0.035
					TT	1.00	-	709 116	14.93					
					TX	2.13 (1.54-2.94)	4.20E-06	41 2	9.93					
rs76858354	1		G>C	4	XX	-	-	0		4.30E-03	4.20E-06	FullImputed	0.795	0.028
					CC	1.00	-	715 115	14.93					
					CG	2.21 (1.58-3.10)	4.30E-06	35 3	9.23					
rs116665498	4		A>G	2b	GG	-	-	0		3.20E-04	4.30E-06	FullImputed	0.82	0.024
					GG	1.00	-	702 117	15.03					
					GA	1.92 (1.43-2.59)	1.80E-05	47 1	10.37					
rs9376153	6		G>C	7	AA	4.15 (1.93-103.82)	0.0092	1 0	3.17	2.80E-08	4.30E-06	FullImputed	0.956	0.041
					CC	1.00	-	673 115	15.13					
					CG	1.73 (1.36-2.22)	1.10E-05	75 3	9.9					
rs80252185	9	FAM189A2	G>A	2b	GG	2.69 (0.66-10.85)	0.17	2 0	7.62	7.40E-07	4.30E-06	FullImputed	0.749	0.014
					AA	1.00	-	725 116	14.83					
					AG	2.57 (1.72-3.84)	4.40E-06	25 2	8.5					
rs35137661	9		A>G	7	GG	-	-	0		1.70E-03	4.40E-06	FullImputed	0.737	0.013
					GG	1.00	-	725 116	14.83					
					GA	2.57 (1.72-3.84)	4.40E-06	25 2	8.5					
rs13289130	9		T>C	7	AA	-	-	0		1.70E-03	4.40E-06	FullImputed	0.735	0.013
					CC	1.00	-	725 116	14.83					
					CT	2.57 (1.72-3.84)	4.40E-06	25 2	8.5					
rs17180111	14	PLEKHG3	G>A	5	TT	-	-	0		1.70E-03	4.40E-06	FullImputed	0.914	0.041
					AA	1.00	-	708 116	15.03					
					AG	2.07 (1.52-2.83)	4.40E-06	42 2	11.88					
rs167161	5	PDE4D	A>C	7	GG	-	-	0		4.90E-04	4.40E-06	ImputedInPanSca	0.94	0.679
					CC	1.00	-	348 38	12.57					
					CA	0.71 (0.61-0.82)	7.90E-06	327 62	15.87					
rs12453472	17	PRKCA	G>T	4	AA	0.66 (0.51-0.84)	0.00079	75 18	17.83	7.80E-04	4.60E-06	FullImputed	0.928	0.04
					TT	1.00	-	698 113	14.83					
					TG	1.93 (1.46-2.56)	4.60E-06	52 5	10.97					
rs117044747	13	COL4A2	G>C	4	GG	-	-	0		1.20E-02	4.60E-06	FullImputed	0.642	0.014
					CC	1.00	-	737 118	14.8					
					CG	3.68 (2.11-6.43)	4.70E-06	13 0	6.9					
rs185203	5		A>G	4	GG	-	-	0		1.20E-03	4.70E-06	Genotyped	1	0.062
					GG	1.00	-	659 113	15.13					
					GA	1.80 (1.44-2.25)	2.70E-07	89 4	11.1					
rs1876209	5	PDE4D	G>A	5	AA	0.81 (0.20-3.27)	0.77	2 1	17.6	2.40E-05	4.80E-06	ImputedInPanSca	1	0.286
					AA	1.00	-	396 45	12.67					
					AG	0.73 (0.63-0.85)	3.60E-05	296 59	16.27					
rs79381691	14		T>C	7	GG	0.63 (0.48-0.83)	0.0011	58 14	18.73	4.70E-04	4.90E-06	FullImputed	0.879	0.017
					GG	-	-	0						
					CC	1.00	-	725 116	14.93					

rs13298177	9	APBA1	G>T	5	CT	2.57 (1.71-3.85)	4.90E-06	25 2	9.5	1.80E-04	4.90E-06	FullImputed	0.712	0.014
					TT	-	-	0	14.83					
					TT	1.00	-	725 116	8.43					
					TG	2.55 (1.71-3.82)	5.00E-06	25 2	8.43					
rs114120058	5		G>A	7	GG	-	-	0		1.30E-03	5.00E-06	FullImputed	0.944	0.015
					AA	1.00	-	724 118	14.87					
					AG	2.51 (1.69-3.73)	5.30E-06	26 0	10.53					
					GG	-	-	0						
rs3746127	19	CACTIN	C>T	3a	TT	1.00	-	426 89	15.97	2.90E-04	5.30E-06	FullImputed	0.992	0.225
					TC	1.40 (1.20-1.63)	2.10E-05	276 23	13.2					
					CC	1.54 (1.13-2.10)	0.0059	48 6	11.25					
					AA	1.00	-	627 107	15.4					
rs58155668	7	CNT -P2	C>A	6	AC	1.56 (1.27-1.91)	2.00E-05	116 11	11.2	1.50E-04	5.30E-06	FullImputed	0.79	0.08
					CC	2.43 (1.06-5.56)	0.036	7 0	6.13					
					AA	1.00	-	717 117	14.83					
					AG	2.25 (1.58-3.18)	5.50E-06	33 1	9.27					
rs114536038	4		G>A	7	GG	-	-	0		3.10E-03	5.50E-06	FullImputed	0.637	0.024
					CC	1.00	-	697 118	15.07					
					CT	1.92 (1.44-2.58)	1.10E-05	52 0	10.63					
					TT	4.59 (0.61-34.62)	0.14	1 0	4.43					
rs4702954	5		T>C	7	TT	1.00	-	731 117	14.8	1.00E-06	5.50E-06	FullImputed	0.656	0.014
					TX	2.85 (1.81-4.47)	5.50E-06	19 1	7.35					
					XX	-	-	0						
					AA	1.00	-	698 114	15.07					
rs200112570	14		X>T	4	AX	1.94 (1.46-2.58)	5.60E-06	52 4	10.45	2.10E-03	5.60E-06	FullImputed	0.841	0.033
					XX	-	-	0						
					TT	1.00	-	731 117	14.8					
					TX	2.85 (1.81-4.47)	5.50E-06	19 1	7.35					
esv2674563	4		X>A	-	AA	1.00	-	698 114	15.07	2.10E-03	5.60E-06	FullImputed	0.841	0.033
					AX	1.94 (1.46-2.58)	5.60E-06	52 4	10.45					
					XX	-	-	0						
					TT	1.00	-	448 72	16.2					
rs12638565	3	ROBO1	C>T	7	TC	1.32 (1.13-1.54)	0.00043	264 43	13.5	3.70E-03	5.70E-06	FullImputed	0.932	0.233
					CC	1.80 (1.29-2.51)	0.00058	38 3	9.5					
					CC	1.00	-	707 116	14.93					
					CT	2.01 (1.46-2.75)	1.70E-05	42 2	9.22					
rs115985210	2	VWC2L	T>C	7	TT	4.78 (0.67-34.27)	0.12	1 0	8.27	5.40E-03	5.80E-06	FullImputed	0.825	0.031
					GG	1.00	-	731 117	14.87					
					GT	2.75 (1.71-4.43)	3.20E-05	18 1	9.63					
					TT	5.78 (0.81-41.55)	0.081	1 0	6.8					
rs143281082	3		T>G	7	CC	1.00	-	733 118	14.83	1.90E-04	5.90E-06	FullImputed	0.935	0.011
					CT	3.09 (1.90-5.04)	6.10E-06	17 0	6.1					
					TT	-	-	0						
					CC	1.00	-	320 36	13.13					
rs77802244	8	PSD3	T>C	5	CT	0.73 (0.63-0.86)	9.60E-05	332 64	15.57	1.70E-05	6.10E-06	ImputedInPanSca	0.895	0.643
					TT	0.64 (0.51-0.80)	1.00E-04	98 18	16.57					
					TT	1.00	-	655 109	15.17					
					TA	1.69 (1.35-2.11)	3.30E-06	92 9	11.2					
rs34191776	10	CCSER2	A>T	6	AA	1.46 (0.46-4.65)	0.52	3 0	22	2.70E-02	6.20E-06	FullImputed	0.99	0.067
					TT	1.00	-	726 117	14.83					
					TC	2.60 (1.72-3.94)	6.30E-06	24 1	8.6					
					CC	-	-	0						
rs146526732	12	C12orf76	C>T	6	CC	1.00	-	246 46	17.03	2.30E-02	6.30E-06	FullImputed	0.939	0.558
					CA	1.32 (1.13-1.56)	0.00068	368 51	14.3					
					AA	1.58 (1.28-1.96)	2.30E-05	136 21	13.03					
					TT	1.00	-	726 117	14.83					
rs9726241	1		A>C	7	CC	1.00	-	246 46	17.03	2.30E-02	6.30E-06	FullImputed	0.939	0.558
					CA	1.32 (1.13-1.56)	0.00068	368 51	14.3					
					AA	1.58 (1.28-1.96)	2.30E-05	136 21	13.03					
					CC	1.00	-	658 109	15.13					
rs17103428	10	CCSER2	T>C	7	CC	1.00	-	658 109	15.13	2.30E-02	6.40E-06	FullImputed	0.999	0.065

rs200541711	1		T>X	6	CT	1.65 (1.32-2.06)	1.20E-05	90 9	11.23	1.10E-02	6.40E-06	FullImputed	0.838	0.028
					TT	2.33 (0.56-9.62)	0.24	2 0	17.58					
					XX	1.00	-	708 116	14.87					
					XT	2.38 (1.73-3.28)	1.10E-07	41 2	9.47					
rs7614056	3	LRRC15	A>G	5	TT	0.72 (0.10-5.19)	0.75	1 0	27.8	1.90E-03	6.50E-06	FullImputed	0.923	0.358
					GG	1.00	-	318 36	13.13					
					GA	0.74 (0.64-0.87)	0.00017	332 64	15.57					
rs2351675	8	NKAIN3	C>T	6	AA	0.64 (0.51-0.80)	8.40E-05	100 18	16.57	3.70E-02	6.70E-06	ImputedInPanC	0.99	0.873
					TT	1.00	-	555 93	15.13					
					TC	1.42 (1.20-1.68)	4.50E-05	184 25	12.37					
rs28393847	3	LRRC15	A>G	-	CC	2.00 (1.07-3.72)	0.029	11 0	9.37	3.10E-02	6.70E-06	FullImputed	0.94	0.36
					GG	1.00	-	319 35	13.07					
					GA	0.75 (0.64-0.87)	0.00019	334 64	15.8					
rs903330	3	LRRC15	A>G	5	AA	0.63 (0.51-0.80)	9.20E-05	97 19	15.53	1.90E-02	6.80E-06	FullImputed	0.92	0.358
					GG	1.00	-	317 36	13.13					
					GA	0.74 (0.64-0.87)	0.00018	333 64	15.57					
rs115296711	5	COL23A1	C>A	5	AA	0.63 (0.51-0.80)	8.40E-05	100 18	16.57	4.00E-02	7.00E-06	FullImputed	0.8	0.014
					AA	1.00	-	724 117	14.83					
					AC	2.48 (1.67-3.68)	7.00E-06	26 1	9.47					
rs74787411	7		C>T	5	CC	-	-	0	-	1.10E-03	7.00E-06	FullImputed	0.908	0.023
					TT	1.00	-	711 118	14.83					
					TC	2.07 (1.48-2.88)	1.90E-05	38 0	12.55					
rs2828530	21		C>T	6	CC	4.20 (0.59-30.10)	0.15	1 0	8.43	1.40E-02	7.10E-06	FullImputed	0.993	0.321
					TT	1.00	-	349 67	16.87					
					TC	1.29 (1.11-1.50)	0.0011	327 45	13.37					
rs111635420	1	CSMD2	G>A	7	CC	1.65 (1.28-2.13)	9.60E-05	74 6	11.42	4.80E-03	7.10E-06	FullImputed	0.523	0.018
					AA	1.00	-	731 117	14.83					
					AG	2.92 (1.83-4.67)	7.40E-06	19 1	8.05					
rs114640170	1	CSMD2	A>T	6	GG	-	-	0	-	7.60E-03	7.40E-06	FullImputed	0.521	0.018
					TT	1.00	-	731 117	14.83					
					TA	2.92 (1.83-4.67)	7.40E-06	19 1	8.05					
rs9370856	6		T>G	7	AA	-	-	0	-	7.60E-03	7.40E-06	FullImputed	0.986	0.021
					GG	1.00	-	710 117	14.93					
					GT	2.20 (1.59-3.05)	2.20E-06	39 1	8.83					
rs117339855	12		G>C	7	TT	1.28 (0.18-9.20)	0.81	1 0	30.57	9.60E-05	7.60E-06	FullImputed	0.927	0.041
					CC	1.00	-	691 112	15.07					
					CG	1.84 (1.41-2.41)	7.60E-06	59 6	9.73					
rs79729746	8		G>A	6	GG	-	-	0	-	5.30E-03	7.60E-06	FullImputed	0.765	0.058
					AA	1.00	-	672 112	15.13					
					AG	1.67 (1.32-2.13)	2.60E-05	76 6	11.17					
rs139947234	1		G>A	6	GG	3.32 (0.82-13.40)	0.092	2 0	8.22	7.20E-03	7.80E-06	FullImputed	0.68	0.023
					AA	1.00	-	721 117	14.83					
					AG	2.36 (1.62-3.44)	7.90E-06	29 1	8.52					
rs56348360	19		C>T	3a	GG	-	-	0	-	1.30E-03	7.90E-06	FullImputed	0.886	0.245
					TT	1.00	-	424 79	15.97					
					TC	1.27 (1.09-1.48)	0.0018	285 36	13.43					
rs74322196	19	PIP5K1C	G>A	5	CC	1.94 (1.40-2.68)	6.40E-05	41 3	10.65	1.60E-03	7.90E-06	FullImputed	0.913	0.076
					AA	1.00	-	634 112	15.07					
					AG	1.60 (1.31-1.96)	6.20E-06	111 6	12.67					
rs142270732	2		C>G	2b	GG	1.53 (0.63-3.70)	0.35	5 0	11.43	1.20E-03	8.00E-06	FullImputed	0.8	0.016
					GG	1.00	-	731 118	14.83					

rs1113479	3	RAB6B	C>T	5	GC	2.86 (1.80-4.53)	8.10E-06	19 0	6.9	2.40E-04	8.10E-06	Genotyped	1	0.505
					CC	-	-	0	17.97					
					TT	1.00	-	196 39	14.6					
					TC	1.36 (1.15-1.62)	0.00045	375 56	13.37					
rs13278122	8	CSMD1	T>G	7	CC	1.58 (1.28-1.95)	1.50E-05	179 23	15.97	3.10E-03	8.40E-06	ImputedInPanC	0.81	0.167
					GG	1.00	-	514 86	12.57					
					GT	1.34 (1.14-1.57)	0.00033	213 31	8.53					
rs34060320	9	FAM189A2	T>G	7	TT	1.96 (1.29-2.99)	0.0018	23 1	14.83	6.30E-03	8.60E-06	FullImputed	0.753	0.015
					GG	1.00	-	723 116	9.5					
					GT	2.42 (1.64-3.56)	8.60E-06	27 2	13.9					
rs4906695	15	SNRPN	C>G	7	TT	-	-	0	16.3	3.10E-03	8.60E-06	Genotyped	1	0.829
					GG	1.00	-	519 71	17.73					
					GC	0.71 (0.60-0.83)	2.70E-05	209 37	14.07					
rs9726805	1		C>T	6	CC	0.63 (0.42-0.94)	0.023	22 10	17.2	9.30E-03	8.90E-06	FullImputed	0.944	0.561
					TT	1.00	-	247 47	13.03					
					TC	1.32 (1.12-1.55)	0.00074	369 50	17.2					
rs79101973	1		G>A	6	CC	1.57 (1.27-1.94)	3.40E-05	134 21	17.2	1.70E-02	9.00E-06	FullImputed	0.941	0.56
					AA	1.00	-	247 47	13.03					
					AG	1.32 (1.12-1.55)	0.00074	369 50	14.07					
rs112292970	7		A>T	6	GG	1.57 (1.27-1.94)	3.40E-05	134 21	14.83	1.70E-02	9.00E-06	FullImputed	0.658	0.015
					TT	1.00	-	729 118	6.53					
					TA	2.70 (1.74-4.19)	9.00E-06	21 0	14.8					
rs143824007	17		C>G	7	AA	-	-	0	8.97	5.90E-04	9.00E-06	FullImputed	0.904	0.016
					GG	1.00	-	728 117	17.3					
					GC	2.67 (1.73-4.11)	9.00E-06	22 1	14.07					
rs6692964	1		T>G	7	CC	-	-	0	12.5	2.50E-03	9.00E-06	FullImputed	0.98	0.565
					GG	1.00	-	231 47	12.5					
					GT	1.34 (1.14-1.58)	0.00049	386 49	15.4					
rs11752345	6	WTAP	C>T	4	TT	1.58 (1.27-1.97)	3.60E-05	133 22	16	8.50E-03	9.10E-06	FullImputed	0.946	0.224
					TT	1.00	-	458 83	12.57					
					TC	1.43 (1.23-1.67)	5.20E-06	251 30	15.4					
rs9489473	6		A>T	7	CC	1.42 (1.03-1.96)	0.033	41 5	15.07	1.40E-02	9.20E-06	FullImputed	0.994	0.023
					TT	1.00	-	704 117	9.43					
					TA	2.01 (1.48-2.74)	9.30E-06	46 1	15.07					
rs9481838	6		T>G	6	AA	-	-	0	9.43	1.10E-06	9.30E-06	FullImputed	0.994	0.023
					GG	1.00	-	704 117	12.13					
					GT	2.01 (1.48-2.74)	9.30E-06	46 1	15.57					
rs13077612	3	RAB6B	C>T	5	TT	-	-	0	16.53	1.10E-06	9.30E-06	ImputedInPanC	0.752	0.437
					TT	1.00	-	235 32	16.53					
					TC	0.85 (0.72-0.99)	0.041	391 55	14.93					
rs146134374	19		G>A	7	CC	0.60 (0.49-0.75)	7.80E-06	124 31	5.33	2.00E-03	9.60E-06	FullImputed	0.593	0.015
					AA	1.00	-	727 117	9.10E-06					
					AG	2.58 (1.70-3.93)	9.60E-06	23 1	9.60E-06					
rs4974531	3		G>A	7	GG	-	-	0	12.9	9.10E-06	9.60E-06	FullImputed	0.912	0.375
					AA	1.00	-	310 33	15.8					
					AG	0.73 (0.63-0.85)	7.00E-05	339 66	15.9					
rs144950742	6		A>T	3a	GG	0.65 (0.52-0.81)	0.00016	101 19	14.87	8.60E-03	9.70E-06	FullImputed	0.894	0.02
					TT	1.00	-	714 118	8.3					
					TA	2.30 (1.63-3.24)	2.30E-06	35 0	30.57					
rs77047261	1		C>T	5	AA	1.28 (0.18-9.22)	0.8	1 0	15.03	6.90E-06	9.70E-06	FullImputed	0.892	0.053
					TT	1.00	-	678 115						

rs1768883	9	PTPRD	T>C	6	TC	1.82 (1.41-2.35)	5.10E-06	67 3	8.73	3.90E-05	9.80E-06	FullImputed	0.971	0.349
					CC	1.58 (0.65-3.82)	0.31	5 0	12.37					
					CC	1.00	-	334 44	13.9					
					CT	0.82 (0.70-0.95)	0.0097	331 49	14.67					
rs11917871	3	CAC -2D3	C>T	6	TT	0.60 (0.47-0.76)	2.30E-05	85 25	18.6	5.60E-03	9.80E-06	FullImputed	0.93	0.585
					TT	1.00	-	260 25	12.6					
					TC	0.76 (0.65-0.89)	0.00095	365 66	15.57					
					CC	0.63 (0.51-0.78)	2.60E-05	125 27	17.73					
rs113934481	3	SENP5	A>G	5	GG	1.00	-	726 118	14.8	1.00E-04	9.90E-06	FullImputed	0.866	0.01
					GA	2.54 (1.68-3.84)	9.90E-06	24 0	8.8					
					AA	-	-	0	-					
					TT	1.00	-	708 117	14.87					
rs77073910	7		C>T	5	TC	2.04 (1.49-2.80)	9.90E-06	42 1	12.17	4.50E-04	9.90E-06	FullImputed	0.836	0.025
					CC	-	-	0	-					
					AA	1.00	-	718 116	14.93					
					AG	2.17 (1.51-3.13)	3.00E-05	31 2	10.23					
rs78107574	17		G>A	5	GG	4.40 (0.61-31.57)	0.14	1 0	7.9	4.40E-03	9.90E-06	FullImputed	0.809	0.021
					AA	1.00	-	645 111	15.07					
					AG	1.59 (1.29-1.96)	1.20E-05	104 7	12.47					
					GG	1.86 (0.26-13.31)	0.54	1 0	21.83					
rs143407704	3		G>A	7	CC	1.00	-	659 109	15.13	1.20E-03	1.00E-05	FullImputed	0.997	0.064
					CT	1.63 (1.30-2.04)	1.90E-05	89 9	11.27					
					TT	2.33 (0.56-9.62)	0.24	2 0	17.58					
					CC	1.00	-	366 72	15.9					
rs12771480	10	CCSER2	T>C	7	CT	1.30 (1.12-1.52)	0.00063	308 40	14.37	1.60E-03	1.00E-05	FullImputed	0.977	0.285
					TT	1.60 (1.24-2.05)	0.00026	76 6	10.33					
					CC	1.00	-	712 116	14.93					
					CT	2.11 (1.52-2.95)	1.00E-05	38 2	9.43					
rs12812325	12		T>C	7	TT	-	-	0	-	1.60E-05	1.00E-05	FullImputed	0.785	0.023
					AA	1.00	-	668 110	15.07					
					AG	1.71 (1.35-2.16)	8.20E-06	79 7	10.77					
					GG	1.58 (0.50-4.97)	0.43	3 1	10.82					
rs59628740	12		T>C	6	TT	1.00	-	666 108	15.13	1.40E-03	1.00E-05	FullImputed	0.881	0.052
					CT	1.64 (1.30-2.06)	2.40E-05	83 10	9.9					
					CC	8.88 (2.35-151.58)	0.0057	1 0	2.13					
					CC	1.64 (1.30-2.06)	2.40E-05	83 10	9.9					
rs138434755	15		G>A	7	AA	1.00	-	668 110	15.07	1.70E-12	1.00E-05	FullImputed	0.771	0.06
					AG	1.71 (1.35-2.16)	8.20E-06	79 7	10.77					
					GG	1.58 (0.50-4.97)	0.43	3 1	10.82					
					TT	1.00	-	666 108	15.13					
rs116765767	21		C>T	7	TC	1.64 (1.30-2.06)	2.40E-05	83 10	9.9	1.70E-12	1.00E-05	FullImputed	0.881	0.052
					CC	8.88 (2.35-151.58)	0.0057	1 0	2.13					
					CC	1.64 (1.30-2.06)	2.40E-05	83 10	9.9					
					CC	8.88 (2.35-151.58)	0.0057	1 0	2.13					

^aObtained from RegulomeDB online. 1a-1f: expression quantitative trait loci (eQTL) + TF binding; 2a-5: TF binding + others; 6-7: others.

^bObtained from Cox regression model adjusted for age, sex, tumor stage, resection, chemotherapy, and five principal components accounting for population substructure.

^cMedian survival time.

^dObtained from likelihood ratio test coupled with Cox regression model with SNP encoded as additive effect, adjusted for the same covariates as ^a.

^eQuality control for imputation. Quality score of >0.3 was used in our analysis.