



IMMUNOLOGY METHYLATION PANEL

Assay ID	Gene	From ATG	From TSS	GRCh38/hg38	# CpG Sites
ADS1929	CD274	-5312 to -5163	+278 to +427	Chr9:5450802-5450951	5
ADS3513	CD3D_CD3G	-329 to -294	-261 to -226	Chr11:118344095-118344130	3
ADS1787	CDKN1C	-913 to -843	-521 to -451	chr11:2886402-2886332	10
ADS1064	IL10	-408 to -355	-349 to -296	chr1:205012811-205012758	4
ADS2536	IL2	-641 to -714	-356 to -429	chr4:122457081-122457154	2
ADS2067	MAPRE2	-28525 to -28358	64750 to 64917	Chr18:35041677-35041844	13
ADS3030	RUNX1	-308 to -238	+92 to +162	chr21:36421504-36421434	5
ADS319	TNFRSF25	-303 to -204	-235 to -136	chr1:6466410-6466311	9
ADS3481	TOLLIP	+31797 to +31833	+31915 to +31957	Chr11:1277708-1277666	5
ADS740	IL2	-306	-21	Chr4:122456746	1
ADS548	ITGAL	-1368 to -1264	-1188 to -1084	Chr16:30471470-30471574	5
ADS4563	IKZF2	+27732 to +27748	+30706 to +30722	Chr2:213120898-213120882	3
ADS3144	ETS1	-14451 to -14376	-23 to +53	Chr11:128587581-128587506	3
ADS1254	IRF8	-3970 to -3798	+244 to +416	chr16:85899046-85899218	30
ADS4562	TNFRSF18	+2588 to +2705	+2708 to +2825	Chr1:1203984- 1203867	12
ADS6645A	FOXP3	-12155 to -12121	-5834 to -5800	ChrX:49270660-49270626	8
ADS711	TNFA	-484 to -419	-309 to -244	chr6:31575258 -31543100	3
ADS3074	CTLA4	+2528 to +2757	+2685 to +2914	Chr2:203870470-203870699	6
ADS2415	MYC	-2587 to -2359	-2077 to -1849	chr8:128815433-128815661	17
ADS1623	IL4	-144 to -12	-79 to +54	Chr5:132673907 - 132674039	4
ADS6734	IL10	-220 to -145	-161 to -86	Chr1:206945925-206772580	2
ADS739	IL2	-893 to -814	-608 to -529	chr4:122457333-122457254	2
ADS8534A	FOXP3	-6451 to -6411	-130 to -90	ChrX:49264956-49264916	2
ADS3576	FOXP3	-6334 to -6211	-13 to +111	ChrX:49264839-49264716	8
ADS4564	IL2RA	+3863 to +3895	+4037 to +4069	Chr10:6058289-6058257	3
ADS5321	PDL2 (PDCD1LG2)	-12905 to -12852	-928 to -875	Chr9:5509642-Chr9:5509695	2
ADS5323	PDL2 (PDCD1LG2)	7569	19546	Chr9:5530115	1
ADS5322	PDL2 (PDCD1LG2)	-7223	4755	Chr9:5515324	1
ADS783	FOXP3	-12155 to -12263	-5834 to +4059	chrX:49270660-49260768	11
ADS5320	PDL2(PDCD1LG2)	-12050 to -11952	-73 to 26	Chr9:5510497-Chr9:5510595	3
ADS2744	PDCD1	-1227 to -1045	-1157 to -975	Chr2:241860065-241859884	16
ADS1798	S100A6	-1139 to -997	-256 to -114	Chr1:153536478-153536336	8
32 PCRs	23 genes				207