

Supplementary table S1

Gene name	Accession	Position	Target sequence
CCL5	NM_002985.2	281-380	AGTGTGTGCCAACCAGAGAAGAAATGGGTTTCGGGAGTACATCAACTCTTTGGAGATGAGCTAGGATGGAGAGTCCTGAACCTGAACCTACACAAATTT
CD2	NM_001767.3	688-787	GCAGCCTCTTGATGGTCTTTGTGGCACTGCTCGTTTTCTATATCACCAAAGGAAAAACAGAGGAGTCGGAGAAATGATGAGGAGCTGGAGACAAGAGC
CD27	NM_001242.4	1102-1201	GTCAGGGCCCTTTCTGTGTACACGTGACAGAGTGCCTTTTCGAGACTGGCAGGGACGAGGACAAATATGGATGAGGTGGAGAGTGGGAAGCAGGAGCCC
CD274	NM_014143.3	50-149	AGCTTCCCAGGCTCCGACCCAGCCGCGCTTCTGTCCGCTGCAGGGCATTCCAGAAAGATGAGGATATTTGCTGTCTTTATATTGATGACCTACTGGCA
CD276	NM_001024736.1	2121-2220	ACATTTCTTAGGGACACAGTACACTGACCACATCACACCCTCTTCTCCAGTGTGCGTGGACCATCTGGCTGCCCTTTTTCTCCAAAAGATGCAATAT
CD3D	NM_000732.4	111-210	TATCTACTGGATGAGTTCGCTGGGAGATGGAACATAGCACGTTTCTCTCTGGCCTGGTACTGGCTACCCTTCTCTCGCAAGTGAGCCCTTCAAGATAC
CD8A	NM_001768.5	1321-1420	GCTCAGGGCTCTTCTCCACACCATTCAGGTCTTTCTTCCGAGGCCCTGTCTCAGGGTGAGGTGCTTGAGTCTCCAACGGCAAGGGAACAAGTACTT
CIITA	NM_000246.3	3048-3147	CTTCCCCAAACTGGTGCGGATCCTCAGCGCCTTTCTCTCCCTGCAGCATCTGGACCTGGATGCGCTGAGTGAGAACAGATCGGGGACGAGGGTGTCTC
CMKLR1	NM_004072.1	771-870	CAACGTCTTCTCCCAATCATATCACCTATGCCGCCATGGACTACCACTGGGTTTTTCGGGACAGCCATGTGCAAGTACAGCAACTTCTTCTCATCCAC
CTLA-4	NM_005214.3	406-505	AGTCTGTGCGGCAACCTACATGATGGGAATGAGTTGACCTTCTAGATGATTCCATCTGCACGGGCACCTCCAGTGGAATCAAGTGAACCTCACTATC
CXCL10	NM_001565.2	462-561	GCCATAATTGTTCTTAGTTTGAGTTACACTAAAGGTGACCAATGATGGTCACCAATCAGCTGCTACTCTCTGTAGGAAGGTTAATGTTTCATCATC
CXCL13	NM_006419.2	211-310	AGACGCTTCATTGATGCAATTCAAATCTTGCCCCGTGGGAATGGTTGTCCAAGAAAAGAAATCATAGTCTGGAAGAAGAACAAGTCAATTGTGTGTGG
CXCL9	NM_002416.1	1976-2075	CACCATCTCCCATGAAGAAGGGAACGCGTGAAGTACTAAGCGCTAGAGGAAGCAGCCAAGTCGGTTAGTGGAAAGCATGATTGGTGCCAGTTAGCCTCTG
CXCR6	NM_006564.1	96-195	TTACCATGAAGACTATGGGTTCAAGCATTTCAATGACAGCAGCCAGGAGGAGCATCAAGACTTCTCGCAGTTACGAAGGCTTTCTGCCCTGCATGTAC
ERVW-1	NM_014590.3	1991-2090	AAGAGTACCATTCTTCTTTTGTATAGGAGCAGGAGTGTAGGTGCACTAGGTACTGGCATTGGCGGTATCACAACCTCTACTAGTTCTACTACAAA
HAVCR2	NM_032782.3	956-1055	TATATGAAGTGGAGGAGCCCAATGAGTATTATTGCTATGTGACAGCAGGCAGCAACCTCACAACCTTTGGGTTGTCGCTTTGCAATGCCATAGATCCA
HLA-DQA1	NM_002122.3	262-361	GGTGGCCTGAGTTGAGCAAAATTTGAGGTTTTGACCCGAGGGTGCACTGAGAAACATGGCTGTGGCAAAACACAACTTGAACATCATGATTAAACGCTA
HLA-DRA	NM_019111.3	336-435	GGCCAACATAGCTGTGGACAAAGCCAACTGGAAATCATGACAAAGCGCTCCAACATACTCCGATCACCAATGTACCTCCAGAGGTAAGTGTGCTCACG
HLA-DRB1	NM_002124.3	748-847	AGCACGGTCTGAATCTGCACAGAGCAAGATGCTGAGTGGAGTCGGGGGCTTTGTGCTGGGCCTGCTCTCTTGGGGCCGGGCTGTTCATCTACTTCAGG
HLA-E	NM_005516.4	1205-1304	TGTCTTAGGGGACTCTGGCTTCTCTTTTGCAGGGCCCTCTGAATCTGTCTGTGTCCCTGTTAGCACAATGTGAGGAGGTAGAGAAACAGTCCACCTCTG
HLA-G	NM_002127.4	1181-1280	AAGAGCTCAGATTGAAAAGGAGGAGCTACTCTCAGGCTGCAATTGTAAACAGCTGCCCTGTGTGGGACTGAGTGGCAAGTCCCTTTGTGACTTCAAGAA
IDO1	NM_002164.3	51-150	CTATTATAAGATGCTCTGAAAACCTCTCAGACACTGAGGGGCACAGAGGAGCAGACTACAAGAATGGCACACGCTATGGAACCTCTGGACAATCAGT
LAG3	NM_002286.5	1736-1835	CTTTTGGTGACTGGAGCCTTTGGCTTTACCTTTTGAGAGAAGACAGTGGCGACCAAGACGATTTTCTGCCTTAGAGCAAGGGATTACCCCTCCGAGGCTC
NCAM1	NM_000615.5	1621-1720	GGTATTTGCCTATCCCAGTGCCACGATCTCATGTTTTCGGGATGGCCAGCTGCTGCCAAGCTCCAATTACAGCAATATCAAGATCTACAACACCCCTCT
NKG7	NM_005601.3	633-732	CTGTGGCGGTCCCGCTCCTGGCTATGAAACCTTGTGAGCAGAAGGCAAGAGCGGCAAGATGAGTTTTGAGCGTTGTATTCCAAAGGCCTCATCTGGAGCC
PDCD1	NM_005018.2	311-410	CTTCCCCGAGGACCGCAGCCAGCCCGGCCAGGACTGCCGCTTCCGTGTCACACAAC TGCCCAACGGGCGTGACTTCCACATGAGCGTGGTCAGGGCCCGG
PDCD1LG2	NM_025239.3	236-335	TGTGGAGCTGTGGCAAGTCTCATATCAAATACAGAACATGATCTTCTCTGCTAATGTTGAGCCTGGAATTGCAGCTTACCAGATAGCAGCTTTATT
PSMB10	NM_002801.2	222-321	ACCATCGCGGGCCTGGTGTTCGAAGACGGGTCATTCTGGGCGCCGATACGCGAGCCACTAACGATTGCGTGTGGCGGACAAAGCTGCGAGAAGATCC
TIGIT	NM_173799.2	1969-2068	TGGATCTTAGAAGACTTTTATCCTTCCACCATCTCTCTCAGAGGAATGAGCGGGGAGTTGGATTTACTGGTGACTGATTTTCTTCATGGGCCAAGGAA
VISTA (VSIR)	NM_022153.1	1956-2055	CTGGGACACTCTGAGTATGAAGCGGGATGCTATTAATAAATACTACATGGGGAACAGGTGCAAAACCTGGAGATGGATTGTAAGAGCCAGTTTAAATCTGC

Supplementary table S1. Custom gene panel.