

Table ST2: PCR and real-time oligonucleotide primer sequences.

Description	Primer Name	Nucleotide Sequence
HERV-W env -1st step nested PCR primers	Sense1	5'- GATGGATCCAAAACACTACATGAAACCT -3'
	Anti-sense1	5'- CGTGACTCGAGCTGCTTCCTGC - 3'
HERV-W env -2nd step nested PCR primers	Sense2	5'- GATGGATCCAGCCTATTTAATACCAC - 3'
	Anti-sense2	5' - CGTGACTCGAGAGTTAAGTTGATCTTGCAA - 3'
HERV-W env - real time PCR primers	Sense	5' - TGCCCCATCGTATAGGAGTCT - 3'
	Anti-sense	5' - CATGTACCCGGGTGAGTTGG - 3'
GAPDH – real time PCR primers	Sense	5' - AGCCTTCTCCATGGTGGTGAAGAC - 3'
	Anti-sense	5' - CGGAGTCAACGGATTTGGTCG - 3'
TGF-Beta ^a	Sense	5' - TTCAACACATCAGAGCTCCGA - 3'
	Anti-sense	5' - GGAGAGCAACACGGGTTTCAG - 3'
CD3	Sense	5' - GATGCAGTCGGGCACTCACT - 3'
	Anti-sense	5' - CATTACCATCTTGCCCCCAA - 3'
HLA-DRA ^b	Sense	5' - GGACAAAGCCAACCTGGAAA - 3'
	Anti-sense	5' - AGGACGTTGGGCTCTCTCAG - 3'
IL-12p35 ^c	Sense	5' - AGCCTCCTCCTTGTCGCTACC - 3'
	Anti-sense	5' - GCCTCCACTGTGCTGGTTTTATC - 3'
Granzyme A	Sense	5' - ACTCTGAGAGAAGTCAATATCACC- 3'
	Anti-sense	5' - AGGGCTTCCAGAATCTCCAT - 3'
CD11c ^d	Sense	5' - ACCACAAGCAGTAGCTCCTTC - 3'
	Anti-sense	5' - AAGTAGGAGCCGATCTGAGTC - 3'
GFAP	Sense	5'- GGACATCGAGATCGCCACCTACAG - 3'
	Anti-sense	5' - CTCACCATCCCGCATCTCCACAGT - 3'
IL-10 ^e	Sense	5' - AATAAGGTTTCTCAAGGGGCT - 3'
	Anti-sense	5' - AGAACCAAGACCCAGACATCAA - 3'
IL-23p19 ^f	Sense	5' - GAGCCTTCTCTGCTCCCTGAT - 3'
	Anti-sense	5' - AGTTGGCTGAGGCCAGTAG - 3'
CD8b ^g	Sense	5' - TACTTCTGCATGATCGTCGG - 3'
	Anti-sense	5' - ACCGGCACACTCTTTCTTG - 3'
HLA-DQA1 ^b	Sense	5' - GGTGTAAACTTGTACCAGT - 3'
	Anti-sense	5' - GGAGACTTGAAAACACT - 3'

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- ^a Schaub, B., et al., 2006. Neonatal immune responses to TLR2 stimulation: influence of maternal atopy on Foxp3 and IL-10 expression. *Respir Res.* 7, 40.
- ^b Malanga, D., et al., 2007. The active translation of MHCII mRNA during dendritic cells maturation supplies new molecules to the cell surface pool. *Cell Immunol.* 246, 75-80.
- ^c Durali, D., et al., 2003. In human B cells, IL-12 triggers a cascade of molecular events similar to Th1 commitment. *Blood.* 102, 4084-9.
- ^d Lee, T. J., et al., 2006. Se-methylselenocysteine enhances PMA-mediated CD11c expression via phospholipase D1 activation in U937 cells. *Immunobiology.* 211, 369-76.
- ^e Pattyn, F., et al., 2006. RTPrimerDB: the real-time PCR primer and probe database, major update 2006. *Nucl. Acids Res.* 34, D684-688.
- ^f Vaknin-Dembinsky, A., et al., 2006. IL-23 Is Increased in Dendritic Cells in Multiple Sclerosis and Down-Regulation of IL-23 by Antisense Oligos Increases Dendritic Cell IL-10 Production. *J Immunol.* 176, 7768-7774.
- ^g Cui, W., et al., 2007. qPrimerDepot: a primer database for quantitative real time PCR. *Nucleic Acids Res.* 35, D805-9.