

Supplementary Table 1. The list of 36 upregulated transcripts in long-term PD compared to short-term PD patients with normal peritoneal function. *CD 79A, CXCR5, CCR7, CEACAM1, LTB, POU2AF1, TNFRSF25, LY9, FLT3LG, IL2RA, RHOH* transcripts were validated by RT-qPCR.

Symbol	Definition	FC	Adjusted p value
<i>BLK</i>	Homo sapiens B lymphoid tyrosine kinase (BLK), mRNA.	5.90	0.033
<i>CD79A</i>	Homo sapiens CD79a molecule, immunoglobulin-associated alpha (CD79A), transcript variant 1, mRNA.	5.64	0.021
<i>CXCR5</i>	Homo sapiens chemokine (C-X-C motif) receptor 5 (CXCR5), transcript variant 2, mRNA.	5.13	0.024
<i>CCR7</i>	Homo sapiens chemokine (C-C motif) receptor 7 (CCR7), mRNA.	3.78	0.033
<i>CEACAM1</i>	Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) (CEACAM1), transcript variant 2, mRNA.	3.73	0.020
<i>TCL1A</i>	Homo sapiens T-cell leukemia/lymphoma 1A (TCL1A), transcript variant 2, mRNA.	3.35	0.024
<i>PVRIG</i>	Homo sapiens poliovirus receptor related immunoglobulin domain containing (PVRIG), mRNA.	3.23	0.015
<i>HSH2D</i>	Homo sapiens hematopoietic SH2 domain containing (HSH2D), mRNA.	3.23	0.011
<i>SOCS1</i>	Homo sapiens suppressor of cytokine signaling 1 (SOCS1), mRNA.	3.22	0.006
<i>LTB</i>	Homo sapiens lymphotoxin beta (TNF superfamily, member 3) (LTB), transcript variant 1, mRNA.	3.19	0.006
<i>POU2AF1</i>	Homo sapiens POU class 2 associating factor 1 (POU2AF1), mRNA.	3.14	0.033
<i>ABCB1</i>	Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 1 (ABCB1), mRNA.	3.13	0.024
<i>PTPRCAP</i>	Homo sapiens protein tyrosine phosphatase, receptor type, C-associated protein (PTPRCAP), mRNA.	2.99	0.027
<i>TNFRSF25</i>	Homo sapiens tumor necrosis factor receptor superfamily, member 25 (TNFRSF25), transcript variant 10, mRNA.	2.94	0.012
<i>LY9</i>	Homo sapiens lymphocyte antigen 9 (LY9), transcript variant 1, mRNA.	2.92	0.006
<i>LOC90925</i>	Homo sapiens hypothetical protein LOC90925 (LOC90925), mRNA.	2.84	0.027
<i>FLT3LG</i>	Homo sapiens fms-related tyrosine kinase 3 ligand (FLT3LG), mRNA.	2.71	0.013
<i>ZBP1</i>	Homo sapiens Z-DNA binding protein 1 (ZBP1), mRNA.	2.54	0.025
<i>PBX4</i>	Homo sapiens pre-B-cell leukemia homeobox 4 (PBX4), mRNA.	2.44	0.014
<i>HLA-DOB</i>	Homo sapiens major histocompatibility complex, class II, DO beta (HLA-DOB), mRNA.	2.42	0.025
<i>PPP1R16B</i>	Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 16B (PPP1R16B), mRNA.	2.33	0.024
<i>CYFIP2</i>	Homo sapiens cytoplasmic FMR1 interacting protein 2 (CYFIP2), transcript variant 1, mRNA.	2.31	0.012
<i>LOC647450</i>	PREDICTED: Homo sapiens similar to Ig kappa chain V-I region HK101 precursor (LOC647450), mRNA.	2.30	0.045
<i>PLCH2</i>	Homo sapiens phospholipase C, eta 2 (PLCH2), mRNA.	2.30	0.033
<i>KLRB1</i>	Homo sapiens killer cell lectin-like receptor subfamily B, member 1 (KLRB1), mRNA.	2.26	0.024
<i>INADL</i>	Homo sapiens InaD-like (Drosophila) (INADL), transcript variant 4, mRNA.	2.24	0.034
<i>SP140</i>	Homo sapiens SP140 nuclear body protein (SP140), transcript variant 1, mRNA.	2.19	0.003
<i>LOC651309</i>	PREDICTED: Homo sapiens hypothetical protein LOC651309 (LOC651309), mRNA.	2.17	0.012
<i>TBC1D10C</i>	Homo sapiens TBC1 domain family, member 10C (TBC1D10C), mRNA.	2.13	0.012
<i>IL2RA</i>	Homo sapiens interleukin 2 receptor, alpha (IL2RA), mRNA.	2.12	0.046
<i>RHOH</i>	Homo sapiens ras homolog gene family, member H (RHOH), mRNA.	2.12	0.033
<i>ATP2A3</i>	Homo sapiens ATPase, Ca ⁺⁺ transporting, ubiquitous (ATP2A3), transcript variant 2, mRNA.	2.02	0.028
<i>CST7</i>	Homo sapiens cystatin F (leukocystatin) (CST7), mRNA.	2.02	0.044
<i>LOC197135</i>	PREDICTED: Homo sapiens hypothetical LOC197135, transcript variant 5 (LOC197135), mRNA.	2.00	0.040
<i>ISG20</i>	Homo sapiens interferon stimulated exonuclease gene 20 kDa (ISG20), mRNA.	1.97	0.041