| Abbreviation | Analyte                                      | OlinkID     | Uniprot ID  | LOD  | Missing (%) |
|--------------|----------------------------------------------|-------------|-------------|------|--------------|
| 4E-BP1       | Eukaryotic translation initiationfactor 4E-binding protein 1 | OID00536    | Q13541      | 0,49 | 0,00         |
| ADA          | Adenosine Deaminase                          | OID00560    | P00813      | 0,75 | 0,00         |
| ARTN         | Artemin                                      | OID00526    | Q5T4W7      | -0,55| 74,51        |
| AXIN1        | Axin-1                                       | OID00487    | O15169      | 0,37 | 0,00         |
| Beta-NGF     | Beta-nerve growth factor                     | OID00519    | P01138      | 0,49 | 0,00         |
| CASP-8       | Caspase 8                                    | OID00550    | Q14790      | -0,63| 0,00         |
| CCL11        | Eotaxin-1                                    | OID00505    | P51671      | 0,91 | 0,00         |
| CCL19        | C-C motif chemokine 19                       | OID00513    | Q99731      | 0,10 | 0,00         |
| CCL20        | C-C motif chemokine 20                       | OID00556    | P78556      | 0,38 | 0,00         |
| CCL23        | C-C motif chemokine 23                       | OID00530    | P55773      | 0,44 | 0,00         |
| CCL25        | C-C motif chemokine 25                       | OID00551    | O15444      | 0,43 | 0,00         |
| CCL28        | C-C motif chemokine 28                       | OID00539    | Q9NR3       | -0,37| 0,00         |
| CCL4         | C-C motif chemokine 4                        | OID00498    | P13236      | 0,58 | 0,00         |
| CD244        | Natural killer cell receptor 2B4             | OID00477    | Q9BZW8      | 0,01 | 0,00         |
| CD40         | CD40L receptor                               | OID00542    | P25942      | -0,65| 0,00         |
| CD5          | T-cell surface glycoprotein                  | OID00531    | P06127      | -0,06| 0,00         |
| CD6          | T cell surface glycoprotein isoform           | OID00499    | Q8WWJ7      | -0,73| 0,00         |
| CDCP1        | CUB domain-containingprotein 1              | OID00476    | Q9H5V8      | -0,49| 0,00         |
| CSF-1        | Macrophage colony-stimulatingfactor 1        | OID00562    | P09603      | -1,21| 0,00         |
| CST5         | Cystatin D                                  | OID00491    | P28325      | -0,97| 0,00         |
| CX3CL1       | Fractalkine                                  | OID00552    | P78423      | -0,25| 0,00         |
| CXCL1        | C-X-C motifchemokine1                        | OID00496    | P09341      | -0,20| 0,00         |
| CXCL10       | C-X-C motifchemokine10                       | OID00535    | P02778      | -0,08| 0,00         |
| CXCL11       | C-X-C motifchemokine11                       | OID00486    | O14625      | 0,42 | 0,00         |
| CXCL5        | C-X-C motifchemokine5                       | OID00520    | P42830      | 0,33 | 0,00         |
| CXCL6        | C-X-C motifchemokine6                       | OID00534    | P80162      | -0,23| 0,00         |
| CXCL9        | C-X-C motifchemokine9                       | OID00490    | Q07325      | 0,24 | 0,00         |
| DNER         | Delta and Notch-like epidermal growth factor-related recep | OID01213    | Q8NFT8      | -0,58| 0,00         |
| EN-RAGE      | Protein S100-A12                             | OID00541    | P80511      | -0,54| 0,00         |
| FGF-19       | Fibroblast growth factor 19                  | OID00545    | Q95750      | 0,15 | 0,00         |
| FGF-21       | Fibroblast growth factor 21                  | OID00512    | Q9NSA1      | 1,06 | 0,00         |
| FGF-23       | Fibroblast growth factor 23                  | OID00507    | Q9GZV9      | -0,23| 0,00         |
| FGF-5        | Fibroblast growth factor 5                   | OID00509    | Q8NF90      | 0,58 | 0,00         |
| Protein Name | Description | Entrez ID | SwissProt ID | K | P |
|--------------|-------------|-----------|--------------|---|---|
| Flt3L        | Fms-related tyrosine kinase 3 ligand | OID00533 | P49771       | 0,05 | 0,00 |
| hGDNF        | Glial cell line-derived neurotrophic factor | OID00475 | P39905       | 0,07 | 0,00 |
| HGF          | Hepatocyte growth factor | OID00522 | P14210       | 0,04 | 0,00 |
| IFN-gamma    | Interferon gamma | OID00544 | P01579       | 0,42 | 84,71 |
| IL-10        | Interleukin-10 | OID00528 | P22301       | 0,16 | 0,00 |
| IL-10RA      | Interleukin-10 receptor subunit alpha | OID00508 | Q13651       | 0,62 | 1,57 |
| IL-10RB      | Interleukin-10 receptor subunit beta | OID00515 | Q08334       | 0,82 | 0,00 |
| IL-12B       | Interleukin-12 subunit beta | OID00523 | P29460       | -1,85 | 0,00 |
| IL-13        | Interleukin-13 | OID00525 | P35225       | -0,02 | 80,39 |
| IL-15RA      | Interleukin-15 receptor subunit alpha | OID00514 | Q13261       | -0,29 | 0,00 |
| IL-17A       | Interleukin-17A | OID00485 | Q16552       | -0,66 | 0,78 |
| IL-17C       | Interleukin-17C | OID00483 | Q9POM4       | 0,02 | 0,00 |
| IL-18        | Interleukin-18 | OID00501 | Q14116       | -0,08 | 0,00 |
| IL-18R1      | Interleukin-18 receptor 1 | OID00517 | Q13478       | -0,41 | 0,00 |
| IL-1alpha    | Interleukin-1alpha | OID00493 | P01583       | -1,34 | 96,86 |
| IL-2         | Interleukin-2 | OID00495 | P60568       | -0,06 | 86,27 |
| IL-20        | Interleukin-20 | OID00537 | Q9NYY1       | 0,56 | 36,47 |
| IL-20RA      | Interleukin-20 receptor subunit alpha | OID00489 | Q9UHF4       | -0,45 | 55,69 |
| IL-22RA1     | Interleukin-22 receptor subunit alpha-1 | OID00516 | Q8N6P7       | 0,33 | 95,29 |
| IL-24        | Interleukin-24 | OID00524 | Q13007       | 0,34 | 85,88 |
| IL-2RB       | Interleukin-2 receptor subunit beta | OID00492 | P14784       | 0,18 | 53,33 |
| IL-33        | Interleukin-33 | OID00543 | Q95760       | 0,64 | 71,37 |
| IL-4         | Interleukin-4 | OID00546 | P05112       | -0,13 | 78,82 |
| IL-5         | Interleukin-5 | OID00559 | P05113       | 0,46 | 47,45 |
| IL-6         | Interleukin-6 | OID00482 | P05231       | 0,29 | 0,00 |
| IL-7         | Interleukin-7 | OID00478 | P13232       | 0,78 | 0,00 |
| IL-8         | Interleukin-8 | OID00471 | P10145       | 0,17 | 0,00 |
| LAPTGF-beta1 | Latency-associated peptide transforming growth factor beta 1 | OID00480 | P01137       | 0,51 | 0,00 |
| LIF          | Leukemia inhibitory factor | OID00547 | P15018       | 0,19 | 54,12 |
| LIF-R        | Leukemia inhibitory factor receptor | OID00511 | P42702       | 0,28 | 0,00 |
| MCP-1        | Monocyte chemotactic protein 1 | OID00484 | P13500       | -0,06 | 0,00 |
| MCP-2        | Monocyte chemotactic protein 2 | OID00549 | P80075       | 0,32 | 0,00 |
| MCP-3        | Monocyte chemotactic protein 3 | OID00474 | P80098       | 0,15 | 0,00 |
| MCP-4        | Monocyte chemotactic protein 4 | OID00504 | Q99616       | -0,56 | 0,00 |
| Protein                | Description                                                                 | ID      | PDB ID | ΔG   | p-value |
|------------------------|-----------------------------------------------------------------------------|---------|--------|------|---------|
| MIP-1alpha             | Macrophage inflammatory protein 1-alpha                                     | OID00532| P10147 | -0.55| 0.00    |
| MMP-1                  | Matrix metalloproteinase-1                                                  | OID00510| P03956 | 0.16 | 0.00    |
| MMP-10                 | Matrix metalloproteinase-10                                                 | OID00527| P09238 | 0.09 | 0.00    |
| NRTN                   | Neurturin                                                                  | OID00548| Q99748 | 0.12 | 55.69   |
| NT-3                   | Neurotrophin-3                                                             | OID00554| P20783 | -0.05| 0.00    |
| OPG                    | Osteoprotegerin                                                            | OID00479| O00300 | 0.47 | 0.00    |
| OSM                    | Oncostatin-M                                                               | OID00494| P13725 | -1.05| 0.00    |
| PD-L1                  | Programmed cell death 1 ligand 1                                           | OID00518| Q9NZQ7 | 0.55 | 0.00    |
| SCF                    | Stem cell factor                                                           | OID00500| P21583 | 0.33 | 0.00    |
| SLAMF1                 | Signaling lymphocytic activation molecule                                  | OID00502| Q13291 | -0.39| 0.00    |
| ST1A1                  | Sulfotransferase 1A1                                                       | OID00557| P50225 | -0.18| 1.57    |
| STAMPB                 | STAM-binding protein                                                       | OID00558| O95630 | 0.48 | 0.00    |
| TGF-alpha              | Transforming growth factor alpha                                           | OID00503| P01135 | -1.17| 0.00    |
| TNF                    | Tumor necrosis factor                                                      | OID00529| P01375 | -0.29| 52.55   |
| TNFB                   | TNF-beta                                                                   | OID00561| P01374 | -0.39| 0.00    |
| TNFSF14                | Tumor necrosis factor ligand superfamily member 14                         | OID00506| O43557 | 0.55 | 0.00    |
| TNFRSF9                | Tumor necrosis factor receptor superfamily member 9                        | OID00553| Q07011 | 0.59 | 0.00    |
| TRAIL                  | TNF-related apoptosis-inducing ligand                                       | OID00488| P50591 | 0.22 | 0.00    |
| TRANCE                 | TNF-related activation-induced cytokine                                     | OID00521| O14788 | 0.12 | 0.00    |
| TSLP                   | Thymic stromal lymphopoietin                                               | OID00497| Q969D9 | -0.14| 90.98   |
| uPA                    | Urokinase-type plasminogen activator                                       | OID00481| P00749 | 0.67 | 0.00    |
| VEGF-A                 | Vascular endothelial growth factor A                                       | OID00472| P15692 | 0.76 | 0.00    |
| SIRT2                  | SIR2-like protein 2                                                        | OID00538| Q8IXJ6 | 0.12 | 0.78    |
| TWEAK                  | Tumor necrosis factor (Ligand) superfamily, member 12                      | OID00555| O43508 | 0.18 | 0.00    |