**Supplement Table 1**. Seventy-one probe sets dysregulated in uninvolved oral samples and tumor samples of OSCC patients compared to normal oral mucosa from non-cancerous patients, University of Washington Affiliated Medical Centers, 2003-2010

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| --- | --- | --- | --- |
| Probe set ID | Gene Symbol | Gene Title | Fold difference (tumor vs. normal) |
| 231867\_at | ODZ2 | odz, odd Oz/ten-m homolog 2 (Drosophila) | 7.2 |
| 221898\_at | PDPN | podoplanin | 6.3 |
| 213110\_s\_at | COL4A5 | collagen, type IV, alpha 5 | 5.9 |
| 217820\_s\_at | ENAH | enabled homolog (Drosophila) | 5.1 |
| 225105\_at | OCC1 | overexpressed in colon carcinoma-1 | 5.1 |
| 225288\_at | COL27A1 | collagen, type XXVII, alpha 1 | 4.9 |
| 226535\_at | ITGB6 | integrin, beta 6 | 4.7 |
| 218717\_s\_at | LEPREL1 | leprecan-like 1 | 4.4 |
| 226448\_at | FAM89A | family with sequence similarity 89, member A | 4.4 |
| 201505\_at | LAMB1 | laminin, beta 1 | 4.3 |
| 235683\_at | SESN3 | sestrin 3 | 4.1 |
| 201250\_s\_at | SLC2A1 | solute carrier family 2 (facilitated glucose transporter), member 1 | 4.0 |
| 213139\_at | SNAI2 | snail homolog 2 (Drosophila) | 4.0 |
| 211651\_s\_at | LAMB1 | laminin, beta 1 | 3.7 |
| 218888\_s\_at | NETO2 | neuropilin (NRP) and tolloid (TLL)-like 2 | 3.7 |
| 205122\_at | TMEFF1 | transmembrane protein with EGF-like and two follistatin-like domains 1 | 3.7 |
| 222774\_s\_at | NETO2 | neuropilin (NRP) and tolloid (TLL)-like 2 | 3.6 |
| 1554018\_at | GPNMB | glycoprotein (transmembrane) nmb | 3.5 |
| 217312\_s\_at | COL7A1 | collagen, type VII, alpha 1 | 3.5 |
| 201474\_s\_at | ITGA3 | integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor) | 3.4 |
| 201656\_at | ITGA6 | integrin, alpha 6 | 3.4 |
| 225258\_at | FBLIM1 | filamin binding LIM protein 1 | 3.3 |
| 218847\_at | IGF2BP2 | insulin-like growth factor 2 mRNA binding protein 2 | 3.3 |
| 206581\_at | BNC1 | basonuclin 1 | 3.2 |
| 1552277\_a\_at | MSANTD3 | Myb/SANT-like DNA-binding domain containing 3 | 3.2 |
| 204136\_at | COL7A1 | collagen, type VII, alpha 1 | 3.1 |
| 202351\_at | ITGAV | integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) | 3.1 |
| 201976\_s\_at | MYO10 | myosin X | 3.1 |
| 221538\_s\_at | PLXNA1 | plexin A1 | 2.9 |

**Supplement Table 1** continued

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| Probe set ID | Gene Symbol | Gene Title | Fold difference (tumor vs. normal) |
| 209935\_at | ATP2C1 | ATPase, Ca++ transporting, type 2C, member 1 | 2.9 |
| 205796\_at | TCP11L1 | t-complex 11 (mouse)-like 1 | 2.9 |
| 208636\_at | ACTN1 | actinin, alpha 1 | 2.9 |
| 1558152\_at | LOC100131262 | hypothetical LOC100131262 | 2.8 |
| 202599\_s\_at | NRIP1 | nuclear receptor interacting protein 1 | 2.8 |
| 204334\_at | KLF7 | Kruppel-like factor 7 (ubiquitous) | 2.8 |
| 201249\_at | SLC2A1 | solute carrier family 2 (facilitated glucose transporter), member 1 | 2.7 |
| 235492\_at | RNF217 | ring finger protein 217 | 2.5 |
| 225150\_s\_at | RTKN | rhotekin | 2.5 |
| 212285\_s\_at | AGRN | agrin | 2.4 |
| 202872\_at | ATP6V1C1 | ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1 | 2.3 |
| 1554008\_at | OSMR | oncostatin M receptor | 2.3 |
| 204068\_at | STK3 | serine/threonine kinase 3 | 2.3 |
| 218854\_at | SART2 | squamous cell carcinoma antigen recognized by T cells 2 | 2.3 |
| 202066\_at | PPFIA1 | protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1 | 2.2 |
| 209011\_at | TRIO | triple functional domain (PTPRF interacting) | 2.2 |
| 238933\_at | IRS1 | insulin receptor substrate 1 | 2.2 |
| 203935\_at | ACVR1 | activin A receptor, type I | 2.2 |
| 1554795\_a\_at | FBLIM1 | filamin binding LIM protein 1 | 2.2 |
| 1554016\_a\_at | C16orf57 | chromosome 16 open reading frame 57 | 2.2 |
| 209934\_s\_at | ATP2C1 | ATPase, Ca++ transporting, type 2C, member 1 | 2.2 |
| 202027\_at | TMEM184B | transmembrane protein 184B | 2.2 |
| 214853\_s\_at | SHC1 | SHC (Src homology 2 domain containing) transforming protein 1 | 2.2 |
| 217788\_s\_at | GALNT2 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) | 2.2 |
| 212589\_at | RRAS2 | related RAS viral (r-ras) oncogene homolog 2 | 2.1 |
| 224747\_at | UBE2Q2 | ubiquitin-conjugating enzyme E2Q family member 2 | 2.0 |
| 228914\_at | MSANTD3-TMEFF1 | MSANTD3-TMEFF1 readthrough | 2.0 |
| 202896\_s\_at | SIRPA | signal-regulatory protein alpha | 2.0 |
| 224791\_at | ASAP1 | ArfGAP with SH3 domain, ankyrin repeat and PH domain 1 | 2.0 |
| 209081\_s\_at | COL18A1 | collagen, type XVIII, alpha 1 | 2.0 |

**Supplement Table 1** continued

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| --- | --- | --- | --- |
| Probe set ID | Gene Symbol | Gene Title | Fold difference (tumor vs. normal) |
| 206335\_at | GALNS | galactosamine (N-acetyl)-6-sulfate sulfatase | 2.0 |
| 225795\_at | C22orf32 | chromosome 22 open reading frame 32 | -2.1 |
| 222368\_at | no gene symbol | EST384442 MAGE resequences, MAGL Homosapiens cDNA | -2.2 |
| 215913\_s\_at | GULP1 | GULP, engulfment adaptor PTB domain containing 1 | -2.2 |
| 234233\_s\_at | no gene symbol | cDNA FLJ20924 fis, clone ADSE00928 | -2.5 |
| 220962\_s\_at | PADI1 | peptidyl arginine deiminase, type I | -2.7 |
| 207057\_at | SLC16A7 | solute carrier family 16, member 7 (monocarboxylic acid transporter 2) | -3.1 |
| 206453\_s\_at | NDRG2 | NDRG family member 2 | -3.8 |
| 228335\_at | CLDN11 | claudin 11 | -5.5 |
| 1569608\_x\_at | no gene symbol | clone IMAGE: 4720764 | -5.8 |
| 210085\_s\_at | ANXA9 | annexin A9 | -7.1 |
| 205200\_at | CLEC3B | C-type lectin domain family 3, member B | -7.3 |