**Supplemental Table 3**: DEPs of Analytical Interest

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| **Gene Namea** | **Salivary Gland/sb** | **Up/Down-Regulatedc** | **Fold Changed** |
| *MUC7* | LP | Up | 132.36 |
| *SFN* | LP | UP | 63.37 |
| *LGALS7B* | LP | Up | 39.30 |
| *DSG3* | LP;  RP;  SMSL | UP;  Down;  Down | 35.90;  32.33;  37.23 |
| *A2M* | LP;  SMSL | Up;  Down | 29.03;  18.87 |
| *HEBP2* | LP | Up | 28.73 |
| *GOT1* | LP | Up | 27.33 |
| *GLOD4* | LP | Up | 26.63 |
| *NPEPPS* | LP | Up | 24.78 |
| *RAB7A* | LP | Up | 22.11 |
| *RPL7* | LP;  SMSL | Up;  Down | 20.39;  13.31 |
| *SBSN* | LP | Up | 19.54 |
| *TMED10* | LP;  RP | Up;  Down | 18.15;  16.51 |
| *TYMP* | LP | Up | 17.45 |
| *GGCT* | LP | Up | 16.48 |
| *CCT5* | LP;  SMSL | Up;  Down | 9.01;  25.92 |
| *VCP\** | LP;  RP;  SMSL | Up;  Up;  Down | 10.49;  10.75;  6.79 |
| *ECH1* | LP | Down | 10.23 |
| *MARCHF8* | LP | Down | 13.14 |
| *HNRNPH3* | LP | Down | 14.12 |
| *PSMA6\** | LP | Down | 14.64 |
| *IL6ST* | LP;  SMSL | Down;  Up | 14.94;  10.25 |
| *SLC1A5* | LP | Down | 15.87 |
| *MUC1* | LP | Down | 18.10 |
| *HNRNPD* | LP | Down | 21.70 |
| *QSOX1* | LP;  SMSL | Down;  Down | 21.96;  16.39 |
| *PAM* | LP;  RP | Down;  Up | 26.29;  33.26 |
| *EGF* | LP | Down | 36.20 |
| *FOLR1* | LP | Down | 66.07 |
| *GSTA1* | LP | Down | 76.92 |
| *TIMP1* | RP;  SMSL | Up;  Down | 467.27;  158.63 |
| *C1R* | RP | Up | 114.75 |
| *RAB10* | RP;  SMSL | Up;  Up | 28.53;  43.55 |
| *IDUA* | RP | Up | 25.31 |
| *WDR1* | RP | Up | 25.07 |
| *CAP1* | RP | Up | 24.65 |
| *TUBA4A\** | RP | UP | 23.67 |
| *NEU1* | RP | Up | 13.93 |
| *RCN1* | RP;  SMSL | Up;  Up | 13.56;  15.44 |
| *RAP1B* | RP | Up | 13.36 |
| *ACTR3* | RP | Up | 9.14 |
| *UBE2N* | RP | Up | 8.98 |
| *CCT3* | RP;  SMSL | Up;  Up | 8.83;  10.54 |
| *FASN* | RP | Up | 8.19 |
| *VDAC2\** | RP;  SMSL | Up;  Down | 8.04;  13.63 |
| *LGALS1* | RP;  SMSL | Up;  Down | 6.23;  9.77 |
| *PSMB5\** | RP | Down | 5.46 |
| *LYPD3* | RP | Down | 6.82 |
| *PRNP\** | RP | Down | 8.92 |
| *PTBP1* | RP | Down | 10.04 |
| *PGM2* | RP | Down | 10.89 |
| *RPSA* | RP;  SMSL | Down;  Down | 10.96;  12.14 |
| *UQCRC1\** | RP | Down | 11.27 |
| *PSMA7\** | RP;  SMSL | Down;  Down | 11.79;  11.36 |
| *VAT1* | RP | Down | 12.01 |
| *PSMB1\** | RP | Down | 12.80 |
| *PHB1* | RP;  SMSL | Down;  Up | 12.85;  16.31 |
| *SERPINB13* | RP | Down | 13.00 |
| *ENDOU* | RP | Down | 13.66 |
| *RPS25* | RP | Down | 13.94 |
| *GLO1* | RP | Down | 14.06 |
| *ALOX12B* | RP;  SMSL | Down;  Down | 14.08;  12.09 |
| *SERPINB2* | RP | Down | 16.25 |
| *HSPA4* | RP | Down | 17.20 |
| *DYNLL1* | RP | Down | 18.75 |
| *SELENBP1* | RP | Down | 20.42 |
| *PSMB6\** | RP | Down | 20.96 |
| *PARK7\** | RP;  SMSL | Down;  Down | 25.58;  47.43 |
| *UNC5C* | RP | Down | 28.03 |
| *PSMA5\** | RP | Down | 28.26 |
| *SYBU* | RP | Down | 30.35 |
| *PHGDH* | RP | Down | 40.03 |
| *HADHB* | RP | Down | 51.66 |
| *RBP1* | RP | Down | 58.12 |
| *DDOST* | RP | Down | 206.72 |
| *ZMIZ1* | RP | Down | 271.71 |
| *DPYSL2* | SMSL | Up | 86.49 |
| *CHI3L2* | SMSL | Up | 50.73 |
| *RAB11A* | SMSL | Up | 43.08 |
| *HNRNPC* | SMSL | Up | 23.46 |
| *PRDX4* | SMSL | Up | 11.69 |
| *UGDH* | SMSL | Up | 11.32 |
| *TUBB2A\** | SMSL | Up | 1.16 |
| *HNRNPU* | SMSL | Down | 1.59 |
| *CPQ* | SMSL | Down | 36.44 |
| *GLUD2\** | SMSL | Down | 43.00 |
| *SCAPER* | SMSL | Down | 48.56 |
| *GLG1* | SMSL | Down | 124.19 |
| *SPATA13* | SMSL | Down | 189.68 |

**Footnote.** 89 differential expressed proteins (DEPs) in xerostomic patients (XP-group) were selected based on known involvement with either the oral cavity, neurological disorders, glyoxalase system, or oxidative stress. Fold changes were calculated as the relative expression difference, using the formula (test - control) / control. For downregulated proteins, fold change values were expressed as the reciprocal (1/ fold change) to facilitate comparison with upregulated proteins.

**a**Entrez gene name

**b**Salivary glands: Left Parotid (LP), Right Parotid (RP), and Submandibular (SMSL)

**c**Upregulation or downregulation of gene in salivary gland

**d**Relative fold change

Note: genes implicated in neurodegenerative diseases are depicted using asterisk (\*)