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| **Supplementary file Table 3: Comparison of expression of HIF-1α, HIF-2α, and α-SMA of normal oral mucosal tissues with different histologic grades of OSCC**  |
| **Type of tissue** | **HIF1α MLI** **(Mean±SD)** | **P- value****(One-way ANOVA)** | **HIF2α MLI** **(Mean±SD)** | **P- value****(One-way ANOVA)** | **α -SMA** **(Mean±SD)** | **P- value****(One-way ANOVA)** |
| NOM | 3.14+2.81 | <0.0001 | 5.47+4.44 | <0.0001 | 0.44 + 0.501 | <0.0001 |
| WDSCC | 41.60+15.26 | 53.47+4.16 | 1.33+0.707 |
| MDSCC | 45.17+19.57 | 45.90+10.94 | 1.74+0.644 |
| PDSCC | 31.43+20.13 | 49.50+6.76 | 2.33+0.577 |
| **(**One-way ANOVA, P value<0.05) (HIF: Hypoxia-inducible factor, IRS: Immune reactive score. MLI: Mean labeling index, SD: Standard deviation, NOM: Normal oral mucosa, OSCC: Oral squamous cell carcinoma, WDSCC: Well-differentiated squamous cell carcinoma, MDSCC: Moderately differentiated squamous cell carcinoma, PDSCC: Poorly differentiated squamous cell carcinoma) |