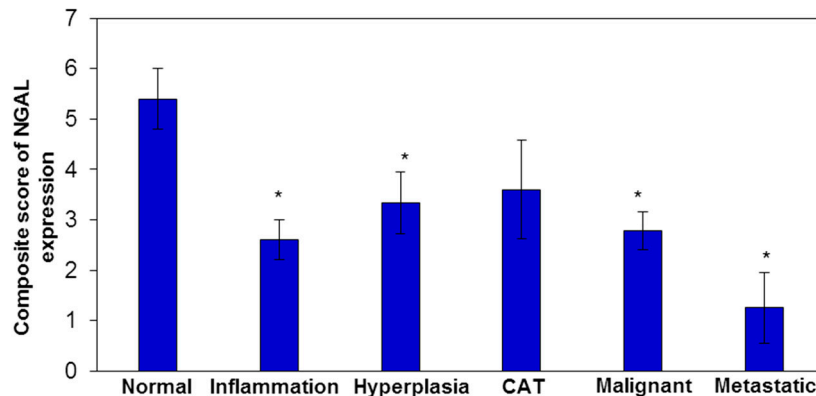
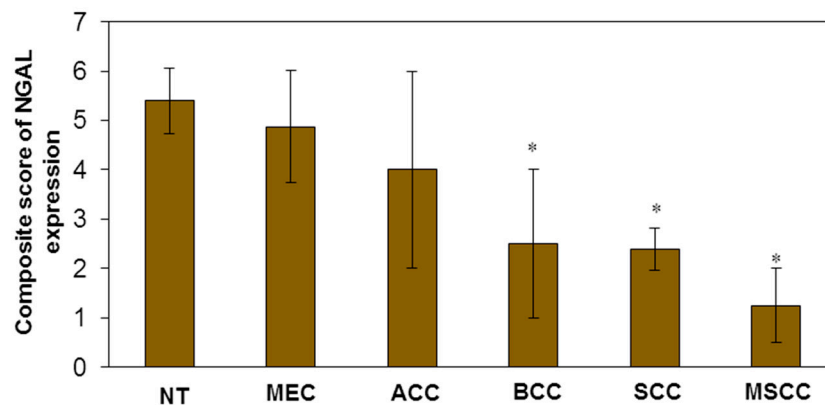


# Supplementary Materials: NGAL is downregulated in oral squamous cell carcinoma and leads to increased survival, proliferation, migration and chemoresistance

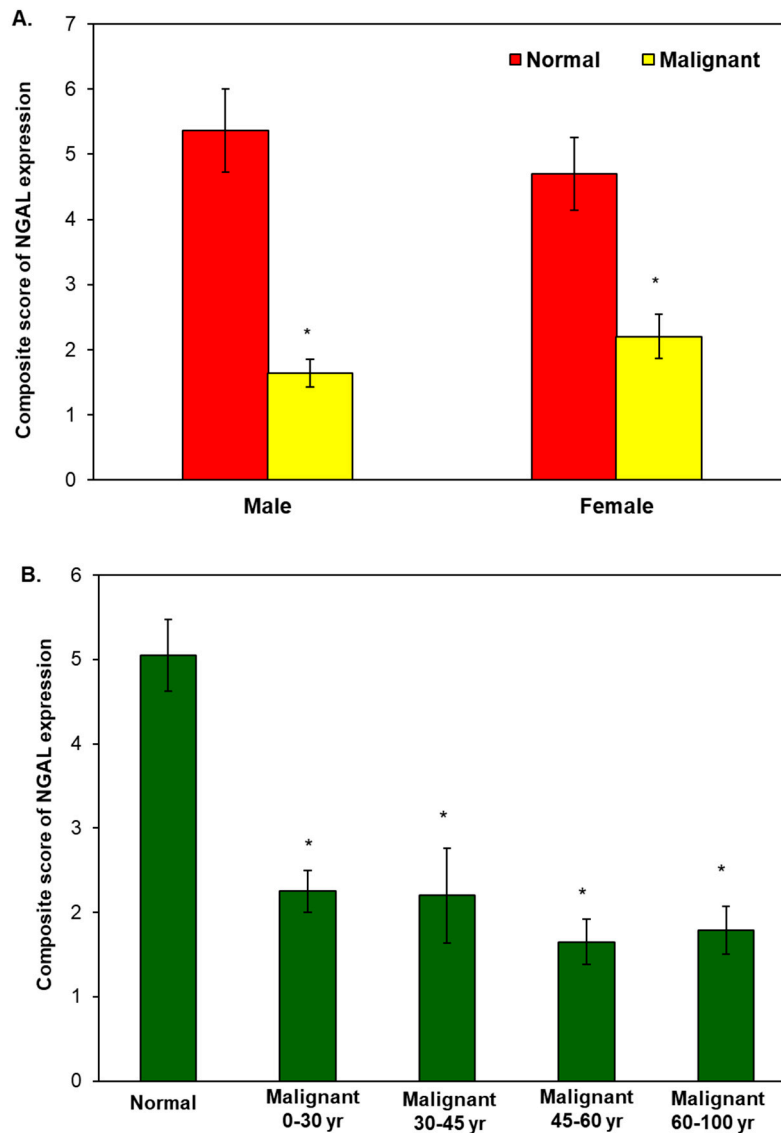
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**Figure S1.** Expression of NGAL in different stages of the development of oral cancer. Mean composite score of NGAL levels in Normal tissues ( $n = 10$ ), inflammation ( $n = 5$ ), hyperplasia ( $n = 5$ ), cancer adjacent tissues CAT ( $n = 5$ ), malignant tissues ( $n = 42$ ), and metastatic tissues ( $n = 4$ ). Data are mean  $\pm$  SE. \* =  $p < 0.05$ .



**Figure S2.** Expression of NGAL in different types of oral cancer. Mean composite score of NGAL levels in NT-Normal tissue ( $n = 10$ ), MEC-Mucoepidermoid carcinoma ( $n = 8$ ), ACC-Adenoid cystic carcinoma ( $n = 3$ ), BCC-Basal cell carcinoma ( $n = 2$ ), SCC-Squamous cell carcinoma ( $n = 28$ ), and MSCC-Metastatic squamous cell carcinoma ( $n = 4$ ) of oral cancer. Data are mean  $\pm$  SE. \* =  $p < 0.05$ .



**Figure S3.** Expression of NGAL with age and gender in oral cancer tissues. **(A)** Mean composite score of NGAL levels in tissues from normal male ( $n = 11$ ), normal female ( $n = 10$ ), malignant male ( $n = 100$ ), and malignant female ( $n = 39$ ) patients with oral cancer. **(B)** Mean composite score of NGAL levels in normal ( $n = 17$ ) and malignant oral cancer patient tissues of age groups 0–30 yr ( $n = 4$ ), 30–45 yr ( $n = 18$ ), 45–60 yr ( $n = 63$ ), and 60–100 yr ( $n = 52$ ). Data are mean  $\pm$  SE. \* =  $p < 0.05$ .

