A dual specificity kinase, DYRK1A, as a potential therapeutic target for head and neck squamous cell carcinoma

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Supplementary Figure legends

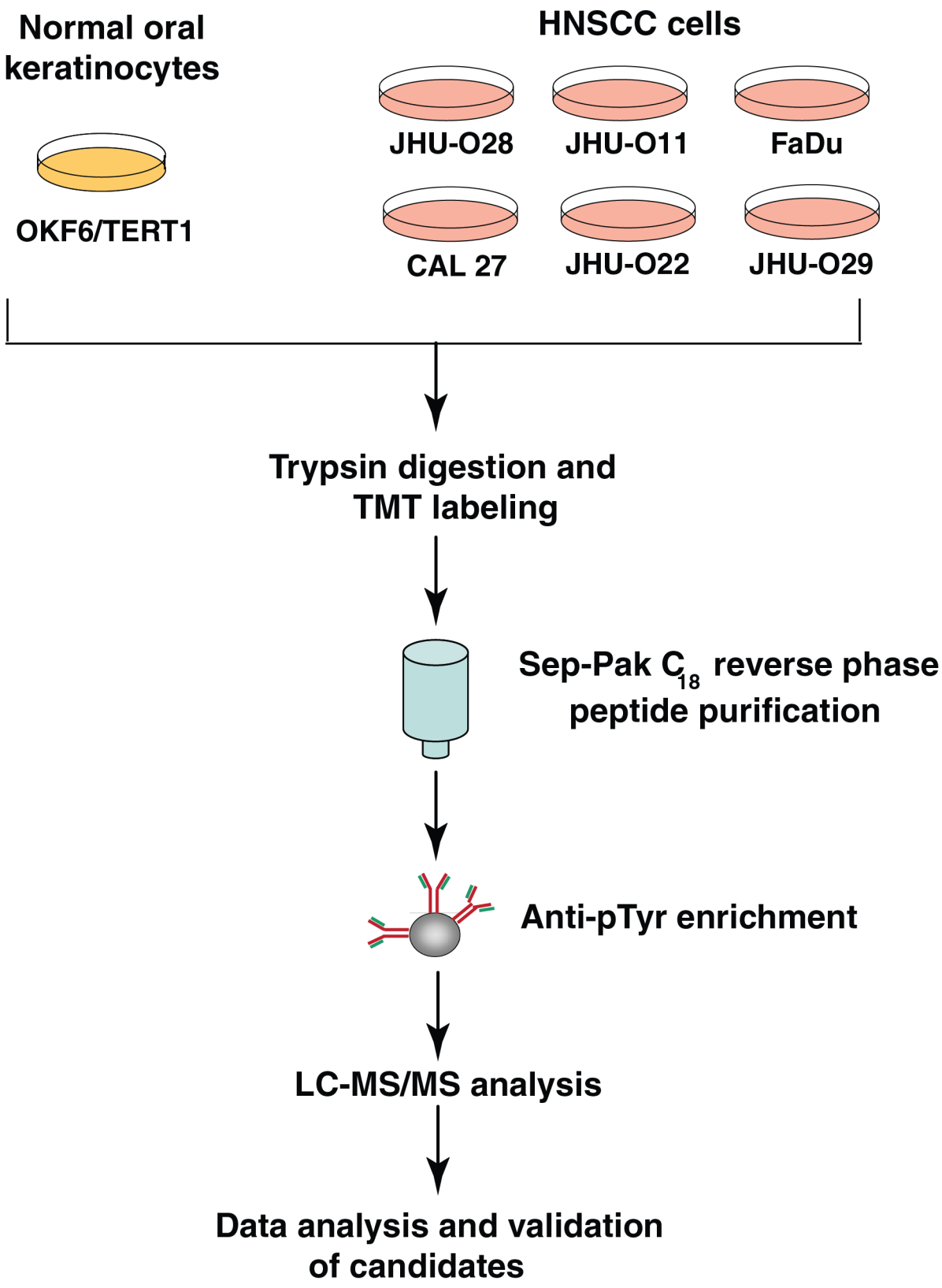
Supplementary figure 1

Experimental workflow employed for mass spectrometry analysis.
Equal amount of protein from each cell line were extracted, digested and labeled with TMT reagents. The labeled samples were pooled and purified using Sep-Pak C_{18} columns. The purified sample was enriched for tyrosine using phosphotyrosine antibody. The phosphotyrosine enriched samples were analyzed in Orbitrap velos mass spectrometer. The MS/MS data was searched against Refseq 65 protein database using SEQUEST and Mascot search algorithms.

Supplementary figure 2

Effect of DYRK1A inhibition using harmine on HNSCC cell proliferation (*$p<0.05$)

Experimental workflow employed for mass spectrometry analysis



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