

Supplemental Materials

**The guanine nucleotide exchange factor vav2 is a negative regulator of
PTH-receptor / G_q-signaling**

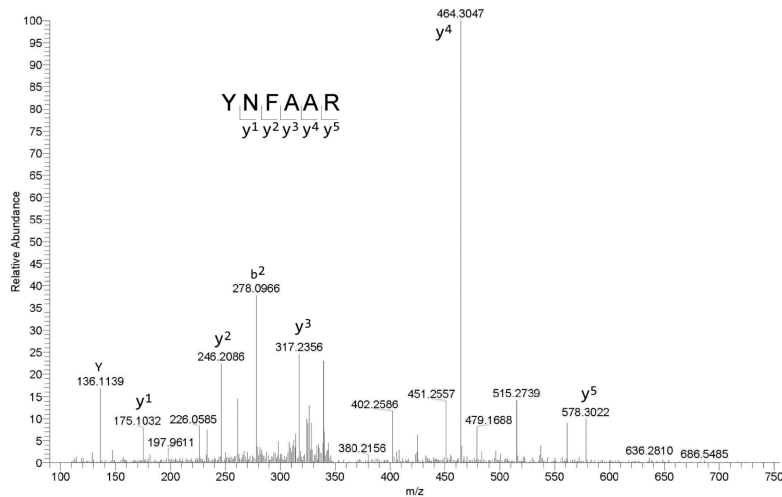
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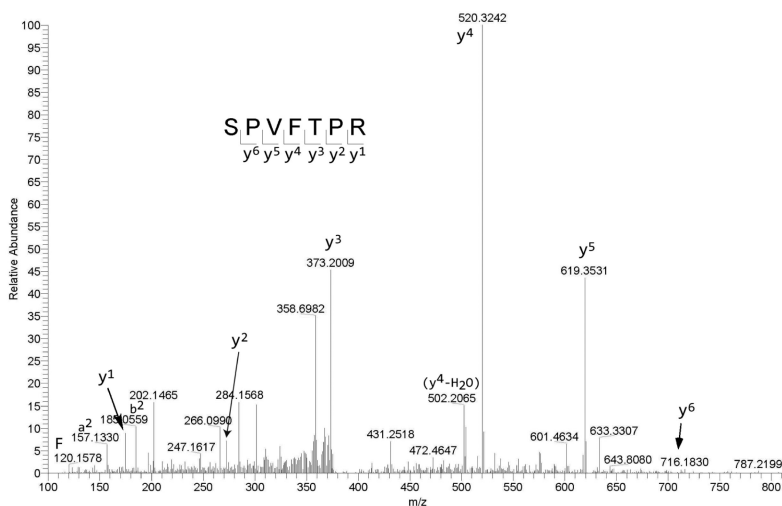
Molecular Pharmacology

Supplemental Figure 1

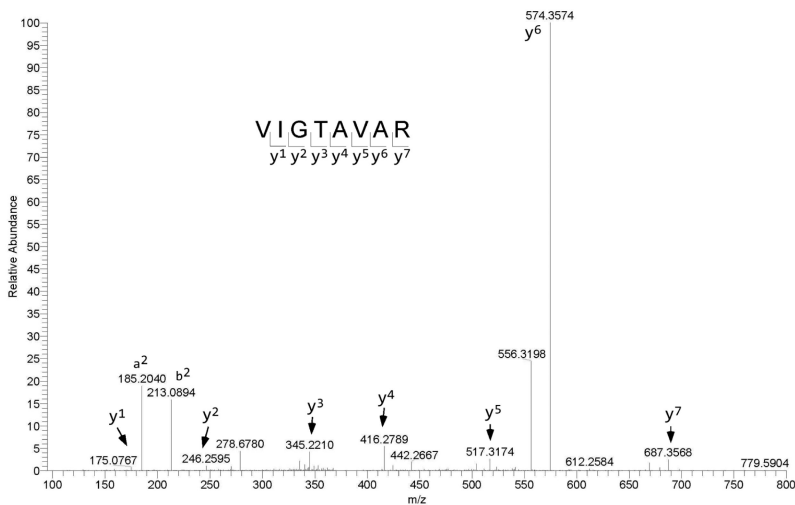
A



B



C



Supplemental Figure 1. Fragment spectra (MSMS) of unique peptides assigned to vav2. MSMS raw data were searched against NCBI nr database using Mascot search engine. Relative intensities (abundance) of detected ions were assigned to mass to charge ratios. Y-type ion series for unique peptides were annotated. The first experiment revealed three unique peptides which were specifically assigned to vav2 oncogene isoform 3 by scaffold software. A, YNAFAAR was assigned to vav2 with 90 % probability. B, SPVFTPR was assigned to vav2 with a probability of 91 %. C, VIGTAVAR was assigned to vav2 with 95 % probability.