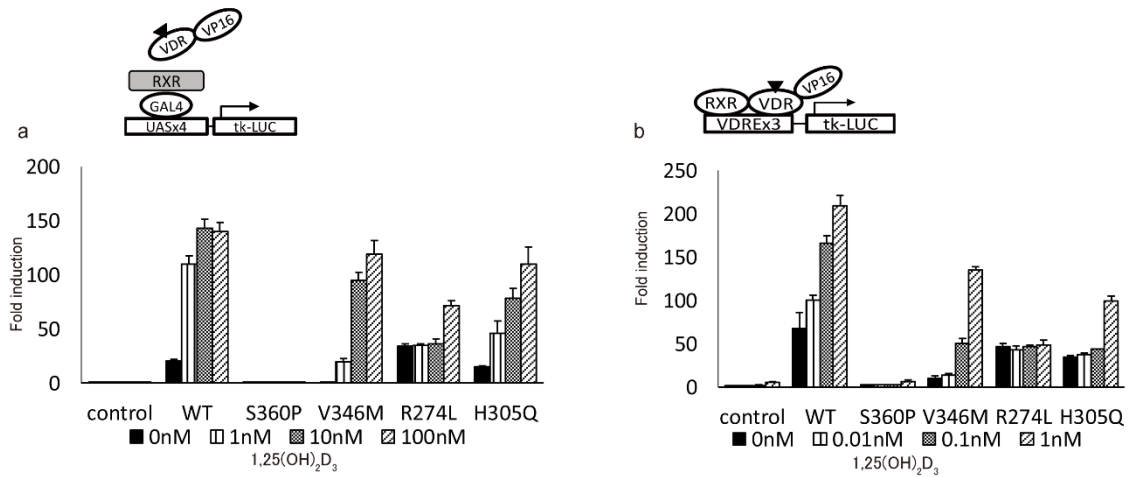


Supplementary Information

Functional analyses of a novel missense and other mutations of the vitamin D receptor in association with alopecia

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Supplementary Figure S1. Interaction with RXR α and enhanced transcriptional activity in the absence and presence of ligand.

(a) Although V346M showed very weak RXR α interaction in the absence of ligand, it was increased in dose dependent manner of ligand. S360P didn't change before and after ligand adding. (b) Enhanced transcriptional activity showed built-up activity in the presence of ligand in mutants which had ability of ligand binding. n=3 biological replicates; data represent mean $\pm$ S.D.