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(54) Title: NON-ENDOGENOUS, CONSTITUTIVELY ACTIVATED KNOWN G PROTEIN-COUPLED RECEPTORS

(57) Abstract: The invention disclosed in this patent document relates to transmembrane receptors, more particularly to a human G protein-coupled receptor for which the endogenous ligand is known ("known GPCRs"), and most particularly to mutated (non-endogenous) versions of the knowns GPCRs for use, most preferably in screening assays for the direct identification of candidate compounds as inverse agonists, agonists and partial agonists.