

Supplementary Materials: The Conserved Arginine Cluster in the Insert of the Third Cytoplasmic Loop of the Long form of the D₂ Dopamine Receptor (D_{2L}-R) Acts as an Intracellular Retention Signal

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Table S1. The degree of colocalization between the D_{2L}-R constructs and calnexin in transiently transfected HEK-293 cells.

Construct	Rcoloc
D _{2L} -R	0.76 ± 0.03
M1	0.40 ± 0.07 *
M2	0.48 ± 0.10 *
M3	0.51 ± 0.03 *
M4	0.43 ± 0.01 *
M5	0.41 ± 0.04 *
M6	0.42 ± 0.06 *
M7	0.44 ± 0.07 *

*, $p < 0.05$.

Pearson's correlation coefficient for image above thresholds (Rcoloc) was determined as described in Material and Methods. Rcoloc represents pixels where both channels (red and green) were above their respective threshold; its values range between -1.0 and 1.0, where -1, 0 and +1 indicates complete negative correlation, no significant correlation and perfect correlation, respectively. The data shown are the mean ± standard error of the mean (S.E.M.) of five to seven individual cells showing colocalization between the individual D_{2L}-R construct and ER marker calnexin. The significance relative to the D_{2L}-R was determined by one-way ANOVA with Dunnett's post hoc test (*, $p < 0.05$).