

Supplementary data, table I: Summary of biological potency and efficacy of truncated and mutated CCK2R on CCK-induced inositol phosphate production

*values were previously determined on Cos-7 cells expressing transiently the CCK2R (17)

All other values were calculated from dose-response curves performed in triplicate on HEK cells expressing transiently CCK2R

	EC ₅₀ (nM)	E _{max} (% CCK2R)
CCK2R	0.53 ± 0.04	100
CCK2R-RLuc	1.30 ± 0.31	98 ± 1
CCK2R-GFP	2.00 ± 0.23	94 ± 4
Δ409-CCK2R	0.16 ± 0.05	200 ± 8 *
Δ429-CCK2R	0.12 ± 0.04	207 ± 8 *
Δ439-CCK2R	0.22 ± 0.03	166 ± 3 *
T427A- CCK2R	0.73 ± 0.05	97 ± 5
S429A-CCK2R	0.66 ± 0.08	117 ± 14
S432A-CCK2R	0.51 ± 0.05	98 ± 3 *
S434A- CCK2R	0.44 ± 0.04	95 ± 3 *
S437A- CCK2R	0.61 ± 0.08	94 ± 3 *
T439A- CCK2R	0.48 ± 0.03	99 ± 4 *
T440A- CCK2R	0.84 ± 0.08	105 ± 7
S442A- CCK2R	0.48 ± 0.09	111 ± 8
T443A- CCK2R	0.59 ± 0.04	103 ± 14
T427A/S429A-CCK2R	0.47 ± 0.05	125 ± 8
S432A/S434A-CCK2R	0.53 ± 0.08	113 ± 5
S442A/T443A-CCK2R	0.74 ± 0.03	139 ± 9
S437A/T439A/T440A-CCK2R	0.66 ± 0.07	130 ± 15
S437A/T439A/T440A/S442A/T443A-CCK2R	0.62 ± 0.01	178 ± 23
polyA-CCK2R	0.78 ± 0.07	137 ± 5