

Table S1. *CRE-luciferase responses in transient transfections of HEK-293 cells in response to DH₃₁ stimulation of CG17415*

DNA transfected	Dose DH ₃₁						
	10 ⁻⁵ mol l ⁻¹	10 ⁻⁶ mol l ⁻¹	10 ⁻⁷ mol l ⁻¹	10 ⁻⁸ mol l ⁻¹	10 ⁻⁹ mol l ⁻¹	10 ⁻¹⁰ mol l ⁻¹	10 ⁻¹¹ mol l ⁻¹
CG17415+ dRCP+RAMP1 + RAMP2	536±14	449±39	141±17	105±6	99±5	92±8	93±6
CG17415 + hRCP +RAMP1	620±25	445±32	139±9	105±3	99±3	93±6	92±6
CG17415 + hRCP+ RAMP2	706±14	380±14	248±6	124±9	103±4	105±3	103±12
CG17415 + hRCP + RAMP1 + RAMP2	756 ±12	499±9	150±4	113±3	98±1	98±2	97±2
CG17415 + RAMP1	936±22	621±14	350±6	126±5	106±12	102±3	97±5
CG17415 + RAMP2	897±27	405±17	258±15	127±8	106±11	108±6	104±7
CG17415 alone	101±7	95±17	98±8	102±12	98±3	92±19	96±6
hRCP alone	116±10	118±8	108±7	95±6	98±8	95±9	101±10
dRCP alone	115±18	100±7	99±3	95±6	95±3	98±1	92±10
RAMP 1 alone	111±13	107±12	107±6	106±3	101±5	103±12	100±6
RAMP 2 alone	115±12	112±22	107±18	104±6	100±2	101±3	100±7

Each value represents the mean ± S.E.M. of six replicate wells derived from a total of two independent transfections. Grey-filled entries indicate values not different from exposure to zero peptide, by *t*-test.