ΔBRET	Receptor		G protein		Agonist
	hRluc8 (or L1 – L2)		Acceptor		
++	M1		$G_{\alpha q}$		ACh
+	D1		$G_{\alpha s}$		SKF83959
+	D2S		$G_{\alpha i}$		SKF83959
0	D1		$G_{\alpha q}$		DA
0	D1		$G_{\alpha q}$		SKF83959
0	D5		$G_{\alpha q}$		DA
0	D5		$G_{\alpha q}$		SKF83959
0	D2S		$G_{\alpha q}$		DA
0	D2S		$G_{\alpha q}$		SKF83959
0	D2L		$G_{\alpha q}$		DA
0	D2L		$G_{\alpha q}$		SKF83959
0	D2S	D1	$G_{\alpha q}$		SKF83959
0	D2L	D1	$G_{\alpha q}$		SKF83959
0	D2S	D5	$G_{\alpha q}$		SKF83959
0	D2L	D5	$G_{\alpha q}$		SKF83959
			hRluc8	Acceptor	
++	M1		$G_{\alpha q}$	GFP10-γ2	ACh
0	D1		$G_{\alpha q}$	GFP10-γ2	DA
0	D1		$G_{\alpha q}$	GFP10-γ2	SKF83959
0	D5		$G_{\alpha q}$	GFP10-γ2	DA
0	D5		$G_{\alpha q}$	GFP10-γ2	SKF83959
0	D2S		$G_{\alpha q}$	GFP10-γ2	DA
0	D2S		$G_{\alpha q}$	GFP10-γ2	SKF83959
0	D2L		$G_{\alpha q}$	GFP10-γ2	DA
0	D2L		$G_{\alpha q}$	GFP10-γ2	SKF83959
0	D2S	D1	$G_{\alpha q}$	GFP10-γ2	DA
0	D2S	D1	$G_{\alpha q}$	GFP10-γ2	SKF83959
0	D2S	D5	$G_{\alpha q}$	GFP10-γ2	DA
0	D2S	D5	$G_{\alpha q}$	GFP10-γ2	SKF83959
0	D2L	D1	$G_{\alpha q}$	GFP10-γ2	DA
0	D2L	D1	$G_{\alpha q}$	GFP10-γ2	SKF83959
0	D2L	D5	$G_{\alpha q}$	GFP10-γ2	DA
0	D2L	D5	$G_{\alpha q}$	GFP10-γ2	SKF83959

Supplementary Table 1. No drug induced $G_{\alpha q}$ coupling in other combinations. All the results with DA or SKF83959 stimulation (10^{-11} to 10^{-6}) in D1/D5/D2S/D2L do not show any drug induced BRET change in $G_{\alpha q}$ -coupling in BRET1 (orange acceptors) and BRET2 (green acceptors) configurations.