

GPCR's available for use in testing services and research agreements provided by Euroscreen

New assay

Tango  $\beta$ -arrestin

**WE PERFORM CUSTOMIZED ASSAY DEVELOPMENTS IN ADDITION TO THE CATALOGUE. PLEASE REQUEST IF YOU DON'T FIND WHAT YOU ARE LOOKING FOR**

FAMILY	RECEPTOR	SPECIES	COUPLING	Aequorin	cAMP	IPOne	GTP $\gamma$ S	Radioligand binding	ERK1/2	TANGO® $\beta$ -arrestin
Adenosine	A <sub>1</sub>	HS	G <sub>i/o</sub>	FAST-001A	FAST-001C		FAST-001G	FAST-001B		FAST-001T
	A <sub>2A</sub>	HS	G <sub>s</sub>	FAST-002A	FAST-002C			FAST-002B		
	A <sub>2B</sub>	HS	G <sub>s</sub>	FAST-003A	FAST-003C					
	A <sub>3</sub>	HS	G <sub>i/o</sub>	FAST-004A	FAST-004C		FAST-004G	FAST-004B		
RN		G <sub>i/o</sub>				FAST-012G	FAST-012B			
Adrenergic	$\alpha$ <sub>1A</sub>	HS	G <sub>q/11</sub>	FAST-005A		FAST-005I		FAST-005B		
	$\alpha$ <sub>1B</sub>	HS	G <sub>q/11</sub>	FAST-008A		FAST-008I		FAST-008B		
	$\alpha$ <sub>1D</sub>	HS	G <sub>q/11</sub>	FAST-009A		FAST-009I		FAST-009B		
	$\alpha$ <sub>2A</sub>	HS	G <sub>i/o</sub>	FAST-006A	FAST-006C		FAST-006G	FAST-006B		FAST-006T
		HS	G <sub>i/o</sub>	FAST-007A			FAST-007G	FAST-007B		
	$\alpha$ <sub>2B</sub>	CF					FAST-013G	FAST-013B		
		HS	G <sub>i/o</sub>	ES-032A	ES-032C		ES-032G	ES-032B		
	$\beta$ <sub>1</sub>	HS	G <sub>s</sub>	ES-033A	ES-033C			ES-033B		
	$\beta$ <sub>2</sub>	HS	G <sub>s</sub>		ES-034C			ES-034B		
$\beta$ <sub>3</sub>	HS	G <sub>s</sub> , G <sub>i/o</sub>		ES-035C			ES-035B			
Anaphylotaxin	C3a*	HS	G <sub>i/o</sub> /G <sub>z</sub>	FAST-010A			FAST-010G	FAST-010B		
	C5a	HS	G <sub>i/o</sub> /G <sub>z</sub> /G <sub>16</sub>		FAST-011C		FAST-011G	FAST-011B		
	C5L2 (GPR77)	HS	B arrestin	FAST-0960***						
Angiotensin	AT <sub>1</sub>	HS	G <sub>q/11</sub>	FAST-015A				FAST-015B		FAST-015T
	AT <sub>2</sub>	HS	Phosphatases					FAST-016B		
Apelin	APJ	HS	G <sub>i</sub>	FAST-020A	FAST-020C		FAST-020G	FAST-020B		FAST-020T
Bile Acid	GPBA (TGR5)	HS	G <sub>s</sub>		FAST-0965C					
		CF	G <sub>s</sub>		FAST-0966C					
Bombesin	BB <sub>1</sub>	HS	G <sub>q/11</sub>	FAST-022A				FAST-022B		
	BB <sub>2</sub>	HS	G <sub>q/11</sub>	FAST-023A				FAST-023B		
	bb3	HS	G <sub>q/11</sub>	FAST-021A				FAST-021B		
Bradykinin	B <sub>1</sub>	HS	G <sub>q/11</sub>	FAST-027A				FAST-027B		
		RN	G <sub>q/11</sub>	FAST-0207A						
	B <sub>2</sub>	HS	G <sub>q/11</sub>	FAST-028A				FAST-028B		
Calcitonin	CGRP (CRLR/RAMP1)	HS	G <sub>s</sub> /G <sub>q</sub>	FAST-025A	FAST-025C			FAST-025B		
	AM1 (CRLR/RAMP2)	HS	G <sub>s</sub>		FAST-026C					
	AM2 (CRLR/RAMP3)	HS	G <sub>s</sub>	FAST-024A	FAST-024C			FAST-024B		
Calcium	CaS	HS	G <sub>i/o</sub> /G <sub>q11</sub> /G <sub>12/13</sub>	FAST-0680A						
Cannabinoid	CB <sub>1</sub>	HS	G <sub>i/o</sub>		FAST-040C		FAST-040G	FAST-040B		FAST-040T
		RN	G <sub>i/o</sub>		FAST-044C		FAST-044G	FAST-044B		
	CB <sub>2</sub>	HS	G <sub>i/o</sub>		FAST-041C		FAST-041G	FAST-041B		FAST-041T
		RN	G <sub>i/o</sub>		FAST-045C		FAST-045G	FAST-045B		
Chemerin	ChemR23	HS	G <sub>i/o</sub>	FAST-050A			FAST-050G	FAST-050B	FAST-050E	FAST-050T
	DEZ	MM	G <sub>i/o</sub>	FAST-051A				FAST-051B		
	GPR1	HS	B arrestin					FAST-052B		FAST-052T
Chemokine	CCR1*	HS	G <sub>i/o</sub>				FAST-058G	FAST-058B		FAST-058T
	CCR2b	HS	G <sub>i/o</sub>	FAST-060A	FAST-060C		FAST-060G	FAST-060B		FAST-060T
		MM	G <sub>i/o</sub>	FAST-0600A						
		RN	G <sub>i/o</sub>	FAST-0616A						

FAMILY	RECEPTOR	SPECIES	COUPLING	Aequorin	cAMP	IPOne	GTPyS	Radioligand binding	ERK1/2	TANGO® β-arrestin	
	CCR3*	HS	G <sub>i/o</sub>	FAST-061A			FAST-061G	FAST-061B		FAST-61T	
		MM	G <sub>i/o</sub>	FAST-0601A							
	CCR4*	HS	G <sub>i/o</sub>	FAST-069A				FAST-069G	FAST-069B		FAST-069T
		MM	G <sub>i/o</sub>	FAST-0602A							
	CCR5*	HS	G <sub>i/o</sub>	FAST-062A	FAST-062C			FAST-062G	FAST-062B	FAST-062E	FAST-062T
		RN	G <sub>i/o</sub>	FAST-0617A							
		MM	G <sub>i/o</sub>	FAST-0603A							
	CCR6	HS	G <sub>i/o</sub>	FAST-063A	FAST-063C			FAST-063G	FAST-063B		FAST-063T
		MM	G <sub>i/o</sub>	FAST-0604A							
	CCR7	HS	G <sub>i/o</sub>	FAST-064A	FAST-064C			FAST-064G	FAST-064B	FAST-064E	FAST-064T
		MM	G <sub>i/o</sub>	FAST-0605A							
	CCR8	HS	G <sub>i/o</sub>	FAST-065A				FAST-065G	FAST-065B		
		MM	G <sub>i/o</sub>	FAST-0606A							
	CCR9a	HS	G <sub>i/o</sub>	FAST-066A							
		MM	G <sub>i/o</sub>	FAST-0607A							
	CCR10	HS	G <sub>i/o</sub>	FAST-067A				FAST-067G			
		MM	G <sub>i/o</sub>	FAST-0608A							
	CXCR1*	HS	G <sub>i/o</sub>	FAST-071A				FAST-071G	FAST-071B		FAST-071T
		MM	G <sub>i/o</sub>	FAST-0609A							
	CXCR2	HS	G <sub>i/o</sub>	FAST-075A				FAST-075G	FAST-075B		FAST-075T
		MM	G <sub>i/o</sub>	FAST-0610A							
	CXCR3a	HS	G <sub>i/o</sub>	FAST-076A				FAST-076G	FAST-076B		FAST-076T
		MM	G <sub>i/o</sub>	FAST-0611A							
	CXCR3b	HS	G <sub>i/o</sub>	FAST-0761A							
	CXCR4*	HS	G <sub>i/o</sub>	FAST-077A	FAST-077C			FAST-077G	FAST-077B		FAST-077T
		MM	G <sub>i/o</sub>	FAST-0612A							
		RN	G <sub>i/o</sub>	FAST-0619A							
CXCR5*	HS	G <sub>i/o</sub>	FAST-078A								
	MM	G <sub>i/o</sub>	FAST-0613A								
CXCR6	HS	G <sub>i/o</sub>	FAST-080A	FAST-080C			FAST-080G			FAST-080T	
	MM	G <sub>i/o</sub>	FAST-0614A								
CXCR7	HS	G <sub>i/o</sub>						FAST-081B	FAST-081E	FAST-081T	
CX3CR1	HS	G <sub>i/o</sub>	FAST-070A				FAST-070G	FAST-070B	FAST-070E		
	MM	G <sub>i/o</sub>	FAST-0615A				FAST-0615G				
	RN	G <sub>i/o</sub>	FAST-0618A								
XCR1	HS	G <sub>i/o</sub>	FAST-085A	FAST-085C			FAST-085G				
Cholecystokinin	CCK <sub>1</sub>	HS	G <sub>q/11</sub> /G <sub>s</sub>	FAST-090A				FAST-090B			
	CCK <sub>2</sub>	HS	G <sub>q/11</sub>	FAST-091A		FAST-091I		FAST-091B			
Corticotropin-releasing factor	CRF <sub>1</sub>	HS	G <sub>s</sub>	FAST-095A	FAST-095C		FAST-095G	FAST-095B			
	CRF <sub>2b</sub> *	HS	G <sub>s</sub>		FAST-096C			FAST-096B			
Dopamine	D <sub>1</sub>	HS	G <sub>s</sub> , G <sub>olf</sub>		FAST-0100C			FAST-0100B		FAST-0100T	
	D <sub>2L</sub> *	HS	G <sub>i/o</sub>	FAST-0101A	FAST-0101C		FAST-0101G	FAST-0101B			
	D <sub>3</sub>	HS	G <sub>i/o</sub>				ES-173G	ES-173B			
	D <sub>4.4</sub> *	HS	G <sub>i/o</sub>			FAST-099C		FAST-099G			
		RN	G <sub>i/o</sub>			FAST-0103C			FAST-0103B		
D <sub>5</sub>	HS	G <sub>s</sub>		FAST-0104C			FAST-0104B				

FAMILY	RECEPTOR	SPECIES	COUPLING	Aequorin	cAMP	IPone	GTPyS	Radioligand binding	ERK1/2	TANGO® β-arrestin
Endothelin	ET <sub>A</sub>	HS	G <sub>q/11</sub> , G <sub>s</sub>	FAST-0105A				FAST-0105B		FAST-0105T
	ET <sub>B</sub>	HS	G <sub>i/o</sub> /G <sub>q11</sub>	FAST-0106A				FAST-0106B		
Formylpeptide	fMLP	HS	G <sub>i/o</sub> /G <sub>z</sub>	FAST-0342A						
	FPR2/ALX	HS	G <sub>i/o</sub>	FAST-0340A	FAST-0340C		FAST-0340G	FAST-0340B		
	FPR3 (FPRL2)	HS	G <sub>i/o</sub> , G <sub>q</sub>	FAST-0341A	FAST-0341C					
Free fatty acid	FFA1 (GPR40)*	HS	G <sub>q</sub>	FAST-0110A						
	FFA3 (GPR41)	HS	G <sub>i/o</sub>	FAST-0111A	FAST-0111C		FAST-0111G			
	FFA2 (GPR43)	HS	G <sub>i/o</sub>	FAST-0112A	FAST-0112C	FAST-0112I	FAST-0112G		FAST-0112E	
	GPR35	HS	G <sub>i/o</sub>	FAST-0915	FAST-0915C		FAST-0915G		FAST-0915E	FAST-0915T
	GPR84	HS	G <sub>i</sub>	FAST-0935A						
	GPR120	HS	G <sub>q</sub>	FAST-0113A					FAST-0113E	FAST-0113T
GABA	GABA B1a/B2	HS	G <sub>i/o</sub>	FAST-0120A	FAST-0120C		FAST-0120G	FAST-0120B		
Galanin	GAL1*	HS	G <sub>i/o</sub>	FAST-0130A	FAST-0130C		FAST-0130G	FAST-0130B		FAST-0130T
	GAL2	HS	G <sub>q/11</sub> , G <sub>i/o</sub>	FAST-0131A	FAST-0131C	FAST-0131I	FAST-0131G	FAST-0131B		FAST-0131T
Ghrelin	GHS-R	HS	G <sub>q/11</sub>	FAST-0135A				FAST-0135B		FAST-0135T
Glucagon	Glucagon	HS	G <sub>s</sub>	FAST-0138A	FAST-0138C			FAST-0138B		
	GIP	HS	G <sub>s</sub>	FAST-0139A	FAST-0139C			FAST-0139B		
	GLP-1*	HS	G <sub>s</sub>	FAST-0145A	FAST-0145C					
	GLP-2	HS	G <sub>s</sub>		FAST-0146C					FAST-0146T
	GHRH	HS	G <sub>s</sub>	FAST-0160A				FAST-0160B		
	Secretin	HS	G <sub>s</sub>	FAST-0161A	FAST-0161C					
Glutamate (metabotropic)	mGlu <sub>1</sub>	HS	G <sub>q/11</sub>	FAST-0152A						
	mGlu <sub>2</sub>	HS	G <sub>i/o</sub>		FAST-0153C					
	mGlu <sub>3</sub>	HS	G <sub>i/o</sub>	FAST-0155A						
	mGlu <sub>4</sub>	HS	G <sub>i/o</sub>		FAST-0150C		FAST-0150G			
	mGlu <sub>5</sub>	HS	G <sub>q</sub>	FAST-0151A		FAST-0151I			FAST-0151B	
		RN	G <sub>q</sub>						FAST-0158B	
	mGlu <sub>6</sub>	HS	G <sub>i/o</sub>				FAST-0157G			
	mGlu <sub>7</sub>	HS	G <sub>i/o</sub>		FAST-0154C					
mGlu <sub>8</sub> *	HS	G <sub>i/o</sub>				FAST-0156G				
Glycoprotein hormone	FSH*	HS	G <sub>s</sub>		FAST-0580C					
	LH	HS	G <sub>s</sub> , G <sub>i/o</sub> , G <sub>q/11</sub>		FAST-0581C					
	TSH	HS	G <sub>s</sub> , G <sub>i/o</sub> , G <sub>q/11</sub>		FAST-0582C					
GnRH	GnRHR1	HS	G <sub>q/11</sub>	FAST-0583A				FAST-0583B		
GPR (see Orphan)	GPR3	HS	G <sub>s</sub>		FAST-0700C					
	GPR4	HS	unidentified	FAST-0901***						
	GPR6	HS	G <sub>s</sub>		FAST-0701C					
	GPR12	HS	G <sub>s</sub>		FAST-0702C					
	GPR17	HS	unidentified	FAST-0903***						
	GPR18	HS	unidentified	FAST-0904***						
	GPR19 (GPR-NGA)	HS	unidentified	FAST-0905***						
	GPR20	HS	unidentified	FAST-0906***						
	GPR21	HS	unidentified	FAST-0907***						FAST-0907T
	GPR22	HS	unidentified	FAST-0908***						
	GPR25	HS	unidentified	FAST-0909***						
	GPR26	HS	G <sub>s</sub>			FAST-0970C***				

FAMILY	RECEPTOR	SPECIES	COUPLING	Aequorin	cAMP	IPOne	GTPyS	Radioligand binding	ERK1/2	TANGO® $\beta$ -arrestin
	GPR27 (SREB1)	HS	unidentified	FAST-0910***						
	GPR30 (GPER)	HS	unidentified	FAST-0911***						
	GPR31	HS	unidentified	FAST-0912***						
	GPR32	HS	unidentified	FAST-0913***						
	GPR34	HS	unidentified	FAST-0914***						
	GPR37	HS	unidentified	FAST-0916***						
	GPR37L1	HS	unidentified	FAST-0917***						
	GPR39	HS	G <sub>q/11</sub>	FAST-0918***						FAST-0918T
	GPR45	HS	unidentified	FAST-0919***						
	GPR50	HS	unidentified	FAST-0920***						
	GPR52	HS	unidentified	FAST-0921***						
	GPR55	HS	G <sub>13</sub>	FAST-0922***						
	GPR61	HS	G <sub>s</sub>		FAST-0924C***					
	GPR62 (IGS54)	HS	unidentified	FAST-0979***						
	GPR63	HS	unidentified	FAST-0925***						
	GPR64	HS	unidentified	FAST-0926***						
	GPR65	HS	unidentified	FAST-0927***						
	GPR68 (OGR1)	HS	unidentified	FAST-0928***						
	GPR75	HS	unidentified	FAST-0930***						
	GPR78	HS	G <sub>s</sub>		FAST-0931C***					
	GPR82	HS	unidentified	FAST-0933***						
	GPR83 (GPR72)	HS	unidentified	FAST-0934***						
	GPR85* (SREB2)	HS	unidentified	FAST-0936***						
	GPR87 (HG03)	HS	unidentified	FAST-0937***						
	GPR88	HS	unidentified	FAST-0938***						
	GPR92*	HS	G <sub>q/11</sub> , G <sub>s</sub>	FAST-0939***						
	GPR99	HS	G <sub>q/11</sub> , G <sub>i/o</sub>	FAST-0940A						
	GPR101	HS	unidentified	FAST-0941***						
	GPR116	HS	unidentified	FAST-0975***						
	GPR139	HS	unidentified	FAST-0980***						
	GPR141	HS	unidentified	FAST-0981***						
	GPR146	HS	unidentified	FAST-0976***						
	GPR148	HS	unidentified	FAST-0982***						
	GPR149	HS	unidentified	FAST-0983***						
	GPR150	HS	unidentified	FAST-0984***						
	GPR151	HS	unidentified	FAST-0985***						
	GPR152	HS	unidentified	FAST-0942***						
	GPR153	HS	unidentified	FAST-0978***						
	GPR161 (RE2)	HS	unidentified	FAST-0962***						
	GPR162 (A-2)	HS	unidentified	FAST-0943***						
	GPR173 (SREB3)	HS	unidentified	FAST-0977***						
<b>Histamine</b>	H <sub>1</sub>	HS	G <sub>q/11</sub>	FAST-0170A				FAST-0170B		
	H <sub>2</sub>	HS	G <sub>s</sub> /G <sub>q</sub>	FAST-0171A	FAST-0171C			FAST-0171B		
	H <sub>3</sub> *	HS	G <sub>i/o</sub>	FAST-0172A	FAST-0172C		FAST-0172G	FAST-0172B		FAST-0172T
		RN	G <sub>i/o</sub>				FAST-0174G	FAST-0174B		
	H <sub>4</sub>	HS	G <sub>i/o</sub>	FAST-0173A			FAST-0173G	FAST-0173B		FAST-0173T

FAMILY	RECEPTOR	SPECIES	COUPLING	Aequorin	cAMP	IPOne	GTPyS	Radioligand binding	ERK1/2	TANGO® β-arrestin
Hydroxycarboxylic acid	GPR109a (HM74a)	HS	G <sub>1/o</sub>	FAST-0350A	FAST-0350C			FAST-0350B		FAST-0350T
	GPR109b (HM74)	HS	G <sub>1/o</sub>	FAST-0351A	FAST-0351C					
	GPR81	HS	G <sub>1/o</sub>	FAST-0352A						
KISS1/Kisspeptin	KISS1 (GPR54)	HS	G <sub>q</sub>	FAST-0180A				FAST-0180B		
Leukotrien	BLT <sub>1</sub>	HS	G <sub>q/11</sub> , G <sub>1/o</sub>	FAST-0192A			FAST-0192G			
	CysLT <sub>1</sub>	HS	G <sub>q/11</sub>	FAST-0190A				FAST-0190B		
	CysLT <sub>2</sub> *	HS	G <sub>q/11</sub>	FAST-0191A				FAST-0191B		
	OXE (HM74like)	HS	G <sub>1/o</sub>	FAST-0193A				FAST-0191B		
Lysophosphatidic acid	LPA <sub>1</sub> (Edg2)	HS	G <sub>q/11</sub> , G <sub>1/o</sub> , G <sub>12/13</sub>							FAST-0631T
	LPA <sub>2</sub> (Edg4)	HS	G <sub>q/11</sub> , G <sub>1/o</sub> , G <sub>12/13</sub>	FAST-0630A						FAST-0630T
	LPA <sub>3</sub> (Edg7)	HS	G <sub>q/11</sub> , G <sub>1/o</sub>							FAST-0632T
	LPA <sub>4</sub> (GPR23)	HS	G <sub>s</sub> , G <sub>q/11</sub>	FAST-0640A						FAST-0640T
	LPA <sub>5</sub> (GPR92)	HS	G <sub>q/11</sub> , G <sub>s</sub>	FAST-0641A						
Mas related	MrgX1	HS	G <sub>q/11</sub>	FAST-0213A						
	MrgX2	HS	G <sub>q/11</sub>	FAST-0214A						
	MAS	HS	G <sub>q/11</sub>	FAST-0210A						
	MRG	HS	G <sub>q/11</sub>	FAST-0211A						
	MRGD (TGR7)	HS	G <sub>q/11</sub>	FAST-0212A						
	MRGF (RTA)	HS	G <sub>q/11</sub>	FAST-0215A						
Melanin concentrating hormone	MCH <sub>1</sub>	HS	G <sub>q/11</sub> , G <sub>1/o</sub>	FAST-0220A	FAST-0220C		FAST-0220G	FAST-0220B		
		MM	G <sub>q/11</sub> , G <sub>1/o</sub>	FAST-0660A						
	MCH <sub>2</sub>	HS	G <sub>q/11</sub>	FAST-0221A				FAST-0221B		FAST-0221T
Melanocortin	MC <sub>1</sub>	HS	G <sub>s</sub>		FAST-0230C			FAST-0230B		
	MC <sub>3</sub>	HS	G <sub>s</sub>		FAST-0232C			FAST-0232B		
	MC <sub>4</sub>	HS	G <sub>s</sub>		FAST-0233C			FAST-0233B		
	MC <sub>5</sub>	HS	G <sub>s</sub>		FAST-0234C			FAST-0234B		
Melatonin	MT <sub>1</sub>	HS	G <sub>1/o</sub>	FAST-0240A			FAST-0240G	FAST-0240B		FAST-0240T
	MT <sub>2</sub>	HS	G <sub>1/o</sub>	FAST-0241A			FAST-0241G	FAST-0241B		FAST-0241T
Motilin	MTL	HS	G <sub>q/11</sub>	FAST-0250A				FAST-0250B		FAST-0250T
Muscarinic	M <sub>1</sub>	HS	G <sub>q/11</sub>	FAST-0260A		FAST-0260I	FAST-0260G	FAST-0260B		FAST-0260T
	M <sub>2</sub>	HS	G <sub>1/o</sub>	FAST-0261A			FAST-0261G	FAST-0261B		FAST-0261T
	M <sub>3</sub>	HS	G <sub>q/11</sub>	ES-212A				ES-212B		
	M <sub>4</sub>	HS	G <sub>1/o</sub>	ES-213A			ES-213G	ES-213B		FAST-213T
	M <sub>5</sub>	HS	G <sub>q/11</sub>	FAST-0264A				FAST-0264B		
Neurokinin	NK <sub>1</sub> *	HS	G <sub>q/11</sub>	FAST-0269A				FAST-0269B		FAST-0269T
		MM	G <sub>q/11</sub>	FAST-0621A				FAST-0621B		
		RN	G <sub>q/11</sub>	FAST-0622A				FAST-0622B		
	NK <sub>2</sub>	HS	G <sub>q/11</sub>	FAST-0270A				FAST-0270B		
		MM	G <sub>q/11</sub>	FAST-0623A						
		RN	G <sub>q/11</sub>	FAST-0624A						
	NK <sub>3</sub>	HS	G <sub>q/11</sub>	FAST-0271A			FAST-0271G	FAST-0271B		FAST-0271T
		MM	G <sub>q/11</sub>	FAST-0273A				FAST-0273B		
RN		G <sub>q/11</sub>	FAST-0272A				FAST-0272B			
Neuromedin U	NMU-1R (FM3)	HS	G <sub>q/11</sub>	FAST-0280A				FAST-0280B		
	NMU-2R (FM4)	HS	G <sub>q/11</sub>	FAST-0281A		FAST-0281I		FAST-0281B		

FAMILY	RECEPTOR	SPECIES	COUPLING	Aequorin	cAMP	IPOne	GTPyS	Radioligand binding	ERK1/2	TANGO® β-arrestin
Neuropeptide	NPY <sub>1</sub>	HS	G <sub>i/o</sub>	FAST-0320A	FAST-0320C					FAST-0320T
	NPY <sub>2</sub>	HS	G <sub>q/11</sub> , G <sub>i/o</sub>	FAST-0321A	FAST-0321C			FAST-0321B		FAST-0321T
	NPY <sub>4</sub> *	HS	G <sub>q/11</sub> , G <sub>i/o</sub>	FAST-0323A						
	NPY <sub>5</sub> *	HS	G <sub>i/o</sub>	FAST-0322A	FAST-0322C					FAST-0322T
	GPR7*	HS	G <sub>i/o</sub>	FAST-0290A	FAST-0290C		FAST-0290G	FAST-0290B		
	GPR8*	HS	G <sub>i/o</sub>	FAST-0310A	FAST-0310C		FAST-0310G	FAST-0310B		FAST-0310T
	NPFF1	HS	G <sub>i/o</sub>					FAST-0412B		
	NPFF2S	HS	G <sub>i/o</sub>	FAST-0295A			FAST-0295G	FAST-0295B		
	NPS (Ile)	HS	G <sub>q</sub>	FAST-0301A				FAST-0301B		
NPS (Asn)	HS	G <sub>q</sub>	FAST-0300A				FAST-0300B			
Neurotensin	NTS <sub>1</sub>	HS	G <sub>q/11</sub>	FAST-0330A				FAST-0330B		
	NTS <sub>2</sub>	HS	G <sub>q/11</sub>					FAST-0331B		
NMDA	GRIN1	HS	Ion channel					FAST-0361B		
Nociceptin	ORL1	HS	G <sub>i/o</sub>		FAST-0360C		FAST-0360G	FAST-0360B		FAST-0360T
Oleylethanolamide	GPR119*	HS	G <sub>s</sub>		FAST-0370C					FAST-0370T
Opioid	OP1 (d)	HS	G <sub>i/o</sub>	FAST-0379A	FAST-0379C		FAST-0379G	FAST-0379B		FAST-0379T
	OP2 (k)*	HS	G <sub>i/o</sub>	FAST-0380A	FAST-0380C		FAST-0380G	FAST-0380B		FAST-0380T
	OP3 (μ)	HS	G <sub>i/o</sub>	FAST-0381A			FAST-0381G	FAST-0381B	FAST-0381E	FAST-0381T
	OP3 (μ)	MM	G <sub>i/o</sub>				FAST-0382G			
Orexin	OX <sub>1</sub>	HS	G <sub>q/11</sub>	FAST-0390A		FAST-0390I		FAST-0390B		
		RN	G <sub>q/11</sub>	FAST-0392A		FAST-0392I				
	OX <sub>2</sub>	HS	G <sub>q/11</sub>	FAST-0391A		FAST-0391I		FAST-0391B		
		RN	G <sub>q/11</sub>	FAST-0393A		FAST-0393I				
Orphan (see GPR)	DA6 (GPR174)	HS	unidentified	FAST-0944***						
	H963 (GPR171)	HS	unidentified	FAST-0946***						
	HB954 (GPR176)	HS	unidentified	FAST-0947***						
	HCR (CCRL2)	HS	unidentified	FAST-0948***						
	HSGPCP (GPR182)	HS	unidentified	FAST-0949***						
	LGR4	HS	unidentified	FAST-0972***						
	LGR5	HS	unidentified	FAST-0973***						
	LGR6	HS	unidentified	FAST-0974***						
	P2Y <sub>5</sub>	HS	unidentified	FAST-0950***						
	P2Y <sub>8</sub>	HS	unidentified	FAST-0986***						
	P2Y <sub>10</sub>	HS	unidentified	FAST-0951***						
	TA1 (TAAR1)	HS	unidentified	FAST-0987***						
	TA3 (TAAR9)	HS	unidentified	FAST-0988***						
	TA4 (TAAR6)	HS	unidentified	FAST-0989***						
	TA5 (TAAR8)	HS	unidentified	FAST-0990***						
	GPR58 (TAAR2)	HS	unidentified	FAST-0923***						
	PNR (TAAR5)	HS	unidentified	FAST-0952***						
	GPRC5A (RAIG1)	HS	unidentified	FAST-0955***						
	GPRC5B (RAIG2)	HS	unidentified	FAST-0956***						
	GPRC5C (RAIG3)	HS	unidentified	FAST-0957***						
GPRC5D (RAIG4)	HS	unidentified	FAST-0958***							
Parathyroid hormone	PTH1	HS	G <sub>s</sub> , G <sub>q/11</sub>		FAST-0140C					

FAMILY	RECEPTOR	SPECIES	COUPLING	Aequorin	cAMP	IPOne	GTPyS	Radioligand binding	ERK1/2	TANGO® β-arrestin
<b>Platelet-Activating Factor</b>	PAF	HS	G <sub>s</sub> , G <sub>q/11</sub>		FAST-0650C					FAST-0650T
<b>Prokineticin</b>	PKR1	HS	G <sub>q/11</sub>	FAST-0400A				FAST-0400B		
	PKR2	HS	G <sub>q/11</sub>	FAST-0401A				FAST-0401B		
<b>Prolactin-releasing peptide</b>	PrRP (GPR10)	HS	G <sub>q/11</sub>	FAST-0410A						
<b>Prostanoid</b>	DP2/CRTH2	HS	G <sub>i/o</sub>	FAST-0420A	FAST-0420C		FAST-0420G	FAST-0420B		FAST-0420T
	DP	HS	G <sub>s</sub>	FAST-0430A	FAST-0430C			FAST-0430B		
	EP <sub>1</sub> *	HS	G <sub>q/11</sub>	FAST-0432A						
	EP <sub>2</sub>	HS	G <sub>s</sub>		FAST-0443C			FAST-0443B		
	EP <sub>3</sub> *	HS	G <sub>i/o</sub>	FAST-0444A						
	EP <sub>4</sub>	HS	G <sub>s</sub>	FAST-0431A	FAST-0431C			FAST-0431B		
	FP	HS	G <sub>q/11</sub>			FAST-0433I				
	IP1	HS	G <sub>s</sub>		FAST-0434C					
TP*	HS	G <sub>q/11</sub>					FAST-0438B		FAST-0438T	
<b>Protease-activated</b>	PAR1	HS	G <sub>q/11</sub> , G <sub>i/o</sub> , G <sub>12/13</sub>	FAST-0439A						
	PAR2	HS	G <sub>q/11</sub> , G <sub>i/o</sub>	FAST-0440A			FAST-0440G			FAST-0440T
	PAR3	HS	G <sub>q/11</sub> , G <sub>i/o</sub>	FAST-0441A						
	PAR4	HS	G <sub>q/11</sub> , G <sub>i/o</sub>	FAST-0442A						
<b>Purinergic</b>	P2Y <sub>1</sub>	HS	G <sub>q/11</sub>			FAST-0452I				
	P2Y <sub>2</sub>	HS	G <sub>q/11</sub>			FAST-0453I				
	P2Y <sub>4</sub> *	HS	G <sub>q/11</sub>			FAST-0454I				
	P2Y <sub>6</sub>	HS	G <sub>q/11</sub>			FAST-0455I				
	P2Y <sub>11</sub> *	HS	G <sub>s</sub> , G <sub>q/11</sub>	FAST-0456A						
	P2Y <sub>12</sub>	HS	G <sub>i/o</sub>				FAST-0458G			
	P2Y <sub>13</sub> *	HS	G <sub>i/o</sub>	FAST-0457F**						
	P2Y <sub>14</sub>	HS	G <sub>i/o</sub>				FAST-0959G			
<b>Relaxin</b>	RXFP3 (GPCR135)	HS	G <sub>i/o</sub>		FAST-0470C		FAST-0470G			FAST-0470T
	RXFP4 (GPCR142)	HS	G <sub>i/o</sub>		FAST-0471C		FAST-0471G			
	RXFP4 (GPCR142)	MM	G <sub>i/o</sub>				FAST-0473G			
<b>Serotonin</b>	5-HT <sub>1A</sub>	HS	G <sub>i/o</sub>	FAST-0500A	FAST-0500C		FAST-0500G	FAST-0500B		FAST-0500T
		RN	G <sub>i/o</sub>				FAST-0515G			
	5-HT <sub>1B</sub> *	HS	G <sub>i/o</sub>		FAST-0501C		FAST-0501G	FAST-0501B		
		RN	G <sub>i/o</sub>				FAST-0516G			
	5-HT <sub>1D</sub> *	HS	G <sub>i/o</sub>				FAST-0502G	FAST-0502B		FAST-0502T
	5-HT <sub>1E</sub>	HS	G <sub>i/o</sub>		FAST-0503C		FAST-0503G	FAST-0503B		
	5-HT <sub>1F</sub>	HS	G <sub>i/o</sub>		FAST-0504C		FAST-0504G			
	5-HT <sub>2A</sub>	HS	G <sub>q/11</sub>	FAST-0505A		FAST-0505I		FAST-0505B		FAST-0505T
		RN	G <sub>q/11</sub>	FAST-0517A						
	5-HT <sub>2B</sub>	HS	G <sub>q/11</sub>	FAST-0506A		FAST-0506I		FAST-0506B		
		RN	G <sub>q/11</sub>	FAST-0518A						
	5-HT <sub>2C</sub> non edited	HS	G <sub>q/11</sub>	FAST-0508A		FAST-0508I		FAST-0508B		
RN		G <sub>q/11</sub>	FAST-0519A							
5-HT <sub>2C</sub> edited	HS	G <sub>q/11</sub>	FAST-0507A		FAST-0507I		FAST-0507B			
5-HT <sub>3</sub>	HS	Ion channel	FAST-0512A				FAST-0512B			
5-HT <sub>4e</sub>	HS	G <sub>s</sub>			FAST-0513C		FAST-0513B			

FAMILY	RECEPTOR	SPECIES	COUPLING	Aequorin	cAMP	IOne	GTPyS	Radioligand binding	ERK1/2	TANGO® β-arrestin	
	5-HT <sub>6a</sub>	HS	G <sub>i/o</sub>	FAST-0510A							
	5-HT <sub>6</sub>	HS	G <sub>s</sub>	FAST-0509A	FAST-0509C			FAST-0509B			
		MM				FAST-0590C			FAST-0590B		
	5-HT <sub>7a</sub> *	HS	G <sub>s</sub>		FAST-0511C			FAST-0511B			
<b>Sigma</b>	σ <sub>1</sub>	HS	unidentified					FAST-0514B			
<b>Somatostatin</b>	sst <sub>1</sub>	HS	G <sub>i</sub>				FAST-0520G	FAST-0520B		FAST-0520T	
	sst <sub>2</sub>	HS	G <sub>i</sub>	FAST-0521A	FAST-0521C		FAST-0521G	FAST-0521B		FAST-0521T	
	sst <sub>3</sub>	HS	G <sub>i</sub>	FAST-0522A	FAST-0522C		FAST-0522G	FAST-0522B			
	sst <sub>4</sub>	HS	G <sub>i</sub>	FAST-0523A	FAST-0523C		FAST-0523G	FAST-0523B			
	sst <sub>5</sub>	HS	G <sub>i</sub>	FAST-0524A			FAST-0524G	FAST-0524B		FAST-0524T	
<b>Sphingosine</b>	S <sub>1</sub> P <sub>1</sub> (Edg1)	HS	G <sub>i/o</sub>	FAST-0197A	FAST-0197C					FAST-1097T	
		MM	G <sub>i/o</sub>	FAST-0625A							
		gp	G <sub>i/o</sub>	FAST-0627A							
	S <sub>1</sub> P <sub>2</sub> (Edg5)	HS	G <sub>s</sub> , G <sub>12/13</sub> , G <sub>q</sub>	FAST-0198A							
		HS	G <sub>s</sub> , G <sub>i/o</sub> , G <sub>q</sub>	FAST-0199A							FAST-0199T
	S <sub>1</sub> P <sub>3</sub> (Edg3)	gp	G <sub>i/o</sub>	FAST-0628A							
		HS	G <sub>i/o</sub> , G <sub>s</sub> , G <sub>12/13</sub>	FAST-0200A							FAST-0200T
	S <sub>1</sub> P <sub>5</sub> (Edg8)	HS	G <sub>i/o</sub> , G <sub>12/13</sub>	FAST-0201A				FAST-0201G		FAST-0201E	FAST-0201T
MM		G <sub>i/o</sub> , G <sub>12/13</sub>	FAST-0626A								
gp	G <sub>i/o</sub>	FAST-0629A									
<b>Succinate</b>	GPR91	HS	G <sub>q/11</sub> , G <sub>i/o</sub>	FAST-0450A	FAST-0450C						
<b>TRH</b>	TRH <sub>1</sub>	HS	G <sub>q</sub>	FAST-0530A		FAST-0530I		FAST-0530B			
<b>Urotensin II</b>	UT-II	HS	G <sub>q/11</sub>	FAST-0540A				FAST-0540B			
<b>Vasopressin</b>	V <sub>1a</sub>	HS	G <sub>q/11</sub>	FAST-0550A		FAST-0550I		FAST-0550B			
	V <sub>1b</sub>	HS	G <sub>q/11</sub>	FAST-0551A				FAST-0551B			
		RN	G <sub>q/11</sub>					FAST-0553B			
	V <sub>2</sub>	HS	G <sub>s</sub>	FAST-0552A	FAST-0552C						
	OT*	HS	G <sub>q/11</sub>	FAST-0554A							
<b>VIP/PACAP</b>	PAC <sub>1</sub>	HS	G <sub>s</sub>	FAST-0560A							
	VPAC <sub>1</sub>	HS	G <sub>s</sub>	FAST-0561A	FAST-0561C			FAST-0561B			
	VPAC <sub>2</sub>	HS	G <sub>s</sub>	FAST-0562A							

\*: Receptors could have limited access due to patent restrictions in certain territories

\*\*: this assay is performed using fluorescent calcium measurement

\*\*\*: means that the cell line is available for functional assay. It has been validated for mRNA, cell surface expression and constitutive activity but not with a ligand

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