

## DiscoverRx社 疾患パネル ターゲット一覧

Family	GPCR	Common Name	gpcrMAX	Cancer	Neurological	Inflammation	Sensory/Pain & Addiction	Metabolic	Cardiovascular	Digestive & Renal	Reproduction	Respiratory	Ocular	Dermatology	Auditory & Otology	Post-Traumatic Stress Disorder	Chemokine
Acetylcholine	CHRM1	M1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acetylcholine	CHRM2	M2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acetylcholine	CHRM3	M3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acetylcholine	CHRM4	M4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acetylcholine	CHRM5	M5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adenosine	ADORA3	A3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adrenergic	ADRA1B	$\alpha$ 1B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adrenergic	ADRA2A	$\alpha$ 2A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adrenergic	ADRA2B	$\alpha$ 2B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adrenergic	ADRA2C	$\alpha$ 2C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adrenergic	ADRB1	$\beta$ 1AR	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adrenergic	ADRB2	$\beta$ 2AR	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Anaphylatoxin	C3AR1	C3A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Anaphylatoxin	C5AR1	C5A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Anaphylatoxin	C5L2	C5L2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Angiotensin	AGTR1	AT1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Apelin	AGTRL1	APJ	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bombesin	GRPR	BB2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bombesin	BRS3	BB3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bombesin	NMBR	BB1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bradykinin	BDKRB1	B1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bradykinin	BDKRB2	B2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Calcitonin	CALCR	CT	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Calcitonin	CALCR-RAMP2	AMY2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Calcitonin	CALCR-RAMP3	AMY3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Calcitonin	CALCRL-RAMP1	CGRP	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Calcitonin	CALCRL-RAMP2	AM1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Calcitonin	CALCRL-RAMP3	AM2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cannabinoid	CNR1	CB1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cannabinoid	CNR2	CB2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR1	CCR1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR2	CCR2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR3	CCR3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR4	CCR4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR5	CCR5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR6	CCR6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR7	CCR7	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR8	CCR8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR9	CCR9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CCR10	CCR10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CMKLR1	ChemR23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CX3CR1	CX3CR1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CXCR1	CXCR1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CXCR2	CXCR2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CXCR3	CXCR3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CXCR4	CXCR4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CXCR5	CXCR5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CXCR6	CXCR6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	CXCR7	CXCR7	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemokine	XCR1	XCR1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cholecystokinin	CCKAR	CCK1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cholecystokinin	CCKBR	CCK2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Class A Orphan	GPR1	GPR1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Class A Orphan	GPR119	GPR119	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Class A Orphan	GPR35	GPR35	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Class A Orphan	MRGPRX2	MRGX2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Class A Orphan	MRGPRX1	MRGPRX1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

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Class A Orphan	EBI2	EBI2	●														
Corticotropin	CRHR1	CRF1	●		●	●	●			●	●					●	
Corticotropin	CRHR2	CRF2	●		●	●	●	●								●	
Dopamine	DRD1	D1	●		●	●	●		●							●	
Dopamine	DRD2L	D2L	●		●	●	●				●					●	
Dopamine	DRD2S	D2S	●		●		●									●	
Dopamine	DRD3	D3	●		●		●	●			●					●	
Dopamine	DRD4	D4	●		●		●									●	
Dopamine	DRD5	D5	●		●		●		●								
Endothelin	EDNRA	ETA	●	●	●	●	●		●	●	●	●	●				
Endothelin	EDNRB	ETB	●	●	●	●	●		●	●	●	●	●	●			
N-Formylpeptide	FPR1	FPR1	●	●	●	●	●								●		
N-Formylpeptide	FPRL1	FPR2/ALX	●		●	●	●		●						●		
Free Fatty Acid	FFAR1	FFA1	●		●	●	●	●							●		
Free Fatty Acid	GPR120	GPR120	●			●											
Galanin	GALR1	GALR1	●		●		●								●		
Galanin	GALR2	GALR2	●		●		●	●									
Glucagon	GHSR	GHRMR	●	●	●												
Glucagon	GCGR	glucagon	●					●									
Glucagon	GIPR	GIP	●					●									
Glucagon	GLP1R	GLP-1	●		●	●	●	●	●		●						
Glucagon	GLP2R	GLP-2	●			●				●							
Glucagon	SCTR	secretin	●		●			●									
Glycoprotein Hormone	FSHR	FSHR	●	●							●						
Glycoprotein Hormone	LHCGR	LH	●	●							●						
Glycoprotein Hormone	TSHR(L)	TSH	●	●	●		●	●	●	●							
Histamine	HRH1	H1	●	●	●	●	●	●				●	●	●	●		
Histamine	HRH2	H2	●	●	●	●	●			●		●	●	●			
Histamine	HRH3	H3	●	●	●	●	●					●	●	●	●		
Histamine	HRH4	H4	●	●	●	●	●	●				●	●				
Hydroxycarboxylic Acid	GPR109A	HCA2	●		●	●		●	●	●	●				●		
Hydroxycarboxylic Acid	GPR109B	HCA3	●														
Kisspeptin Receptor	KISS1R	kisspeptin	●	●							●						
Leukotriene	LTB4R	BLT1	●	●		●	●					●		●			
Leukotriene	OXER1	OXE	●														
Lysophospholipid	EDG1	S1P1	●	●	●	●	●		●		●	●		●	●		
Lysophospholipid	EDG3	S1P3	●	●	●	●	●		●			●			●		
Lysophospholipid	EDG4	LPA2	●	●	●	●	●										
Lysophospholipid	EDG5	S1P2	●	●	●	●	●		●		●			●	●		
Lysophospholipid	EDG6	S1P4	●	●	●	●						●		●			
Lysophospholipid	EDG7	LPA3	●	●	●	●		●			●						
Lysophospholipid	GPR92	LPA5	●														
Melanin-Concentrating Hormone	MCHR1	MCH1	●	●	●			●						●			
Melanin-Concentrating Hormone	MCHR2	MCH2	●														
Melanocortin	MC1R	MC1	●	●		●		●						●			
Melanocortin	MC3R	MC3	●	●	●	●	●			●							
Melanocortin	MC4R	MC4	●		●	●	●										
Melanocortin	MC5R	MC5	●		●	●	●			●			●				
Melatonin	MTNR1A	MT1	●	●	●	●		●	●		●						
Motilin	MLNR	motilin	●		●					●							
Neuromedin U	NMU1R	NMU1	●			●	●			●			●	●			
Neuropeptide B & W	NPBWR1	NPBW1	●		●		●	●			●				●		
Neuropeptide B & W	NPBWR2	NPBW2	●		●		●										
Neuropeptide F	NPFFR1	NPFF1	●														
Neuropeptide S	NPSR1b	NPS receptor	●														●
Neuropeptide Y	NPY1R	Y1	●		●		●	●	●								●

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Neuropeptide Y	NPY2R	Y2	●	●	●		●	●	●	●						●	
Neuropeptide Y	PPYR1	Y4	●	●				●	●		●					●	
Neurotensin	NTSR1	NTS1	●	●	●	●	●	●		●				●	●	●	
Opioid	OPRD1	δ	●		●	●	●		●	●		●		●	●	●	
Opioid	OPRK1	κ	●		●	●	●	●		●	●	●		●	●	●	
Opioid	OPRL1	NOP	●		●		●	●	●	●					●	●	
Opioid	OPRM1	μ	●		●	●	●	●		●	●	●		●	●	●	
Orexin	HCRTR1	OX1	●	●	●		●	●	●	●					●		
Orexin	HCRTR2	OX2	●	●	●		●	●									
P2Y	P2RY1	P2RY1	●	●	●		●		●	●		●					
P2Y	P2RY11	P2Y11	●	●		●											
P2Y	P2RY12	P2Y12	●			●						●					
P2Y	P2RY2	P2Y2	●			●						●					
P2Y	P2RY4	P2Y4	●			●											
P2Y	P2RY6	P2Y6	●	●		●						●					
Parathyroid Hormone	PTHR1	PTH1	●	●		●			●		●						
Parathyroid Hormone	PTHR2	PTH2	●	●		●			●						●		
Peptide P518	GPRI03	QRFPR	●					●									
Platelet-Activating Factor	PTAFR	PAF	●	●	●	●	●		●			●		●	●		
Prokineticin	PROKR1	PKR1	●			●				●				●			
Prokineticin	PROKR2	PKR2	●			●	●	●		●	●				●		
Prolactin Releasing Peptide	PRLHR	PRRP	●		●		●	●	●	●	●				●		
Prostanoid	CRTH2	PTGDR2	●														
Prostanoid	PTGER2	EP2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Prostanoid	PTGER3	EP3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Prostanoid	PTGER4	EP4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Prostanoid	PTGFR	FP	●	●		●	●	●		●	●	●	●	●	●	●	
Prostanoid	PTGIR	IP1	●	●	●	●	●	●			●	●	●	●	●	●	
Prostanoid	TBXA2R	TP	●			●		●	●		●	●					
Protease Activated	F2R	PAR1	●	●		●	●		●	●		●		●	●		
Protease Activated	F2RL1	PAR2	●	●		●	●		●	●				●	●		
Protease Activated	F2RL3	PAR4	●	●		●			●	●						●	
Relaxin	RXFP3	RXFP3	●				●										
5-Hydroxytryptamine	HTR1A	5HT1A	●		●		●						●		●	●	
5-Hydroxytryptamine	HTR1B	5HT1B	●		●		●	●	●							●	
5-Hydroxytryptamine	HTR1E	5HT1E	●		●											●	
5-Hydroxytryptamine	HTR1F	5HT1F	●		●											●	
5-Hydroxytryptamine	HTR2A	5HT2A	●		●	●	●		●				●	●	●	●	
5-Hydroxytryptamine	HTR2C	5HT2C	●		●		●	●				●	●		●	●	
5-Hydroxytryptamine	HTR5A	5HT5A	●		●											●	
Somatostatin	SSTR1	SST1	●		●	●							●				
Somatostatin	SSTR2	SST2	●	●	●	●		●	●	●		●					
Somatostatin	SSTR3	SST3	●	●		●						●					
Somatostatin	SSTR5	SST5	●	●	●	●		●				●					
Tachykinin	TACR1	NK1	●	●	●	●	●			●				●	●	●	
Tachykinin	TACR2	NK2	●	●	●	●	●			●					●	●	
Tachykinin	TACR3	NK3	●	●	●	●	●			●		●			●	●	
TRH	TRHR	TRH1	●		●				●	●	●						
Urotensin	UTR2	UT	●					●	●								
Vasopressin and Oxytocin	AVPR1A	V1A	●	●	●			●	●	●						●	
Vasopressin and Oxytocin	AVPR1B	V1B	●	●	●												
Vasopressin and Oxytocin	AVPR2	V2	●	●					●	●							
Vasopressin and Oxytocin	OXTR	OT	●	●				●	●	●	●						
VIP and PACAP	ADCYAP1R1	PAC1	●	●	●	●	●	●	●	●	●	●		●	●	●	
VIP and PACAP	VIPR1	VPAC1	●	●	●	●	●	●	●	●	●	●		●	●	●	
VIP and PACAP	VIPR2	VPAC2	●	●	●	●	●	●	●	●	●	●		●	●	●	
Total			168	82	98	101	98	65	66	58	35	63	37	60	50	43	20