

G-PROTEIN COUPLED RECEPTORS

CHEMOKINE RECEPTORS

C-C motif chemokine receptors

		expression (FPKM)	
Ccr1	C-C motif chemokine receptor 1	0	0
Ccr2	C-C motif chemokine receptor 2	0	0
Ccr3	C-C motif chemokine receptor 3	0	0
Ccr4	C-C motif chemokine receptor 4	0	0
Ccr5	C-C motif chemokine receptor 5 (gene/pseudogene)	1.434162193	1.323889757
Ccr6	C-C motif chemokine receptor 6	0	0
Ccr7	C-C motif chemokine receptor 7	0	0
Ccr8	C-C motif chemokine receptor 8	0	0
Ccr9	C-C motif chemokine receptor 9	0.52538615	0.580131467
Ccr10	C-C motif chemokine receptor 10	6.489228933	8.419343851

C-X3-C motif chemokine receptors

Cx3cr1	C-X3-C motif chemokine receptor 1	0	0
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C-X-C motif chemokine receptors

Cxcr1	C-X-C motif chemokine receptor 1	0	0
Cxcr2	C-X-C motif chemokine receptor 2	0	0
Cxcr3	C-X-C motif chemokine receptor 3	0	0
Cxcr4	C-X-C motif chemokine receptor 4	49.18750333	50.79869125
Cxcr5	C-X-C motif chemokine receptor 5	0	0
Cxcr6	C-X-C motif chemokine receptor 6	0	0

X-C motif chemokine receptors

Xcr1	X-C motif chemokine receptor 1	0	0
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Atypical chemokine receptors

Ackr2	atypical chemokine receptor 2	0	0
Ackr3	atypical chemokine receptor 3	0	0
Ackr4	atypical chemokine receptor 4	0	0

Class Frizzled GPCRs

FZD1	frizzled class receptor 1	0	0
FZD10	frizzled class receptor 10	0	0
FZD2	frizzled class receptor 2	4.799473478	4.150171262
FZD3	frizzled class receptor 3	0	0
FZD4	frizzled class receptor 4	0	0
FZD5	frizzled class receptor 5	6.744822195	6.946702435
FZD7	frizzled class receptor 7	5.821846526	6.188068979
SMO	smoothened, frizzled class receptor	0	0

CATALYTIC RECEPTORS

TYPE I CYTOKINE RECEPTOR FAMILY

IL-2 receptor family

Il15ra	interleukin 15 receptor subunit alpha	0	0
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IL9r	interleukin 9 receptor	0	0
IL7r	interleukin 7 receptor	0	0
IL2rb	interleukin 2 receptor subunit beta	0	0
IL2ra	interleukin 2 receptor subunit alpha	0	0
IL4ra	interleukin 4 receptor	0	0
IL21r	interleukin 21 receptor	0	0
IL13ra2	interleukin 13 receptor subunit alpha 2	0	0
IL13ra1	interleukin 13 receptor subunit alpha 1	36.36524135	36.75653473
IL2rg	interleukin 2 receptor subunit gamma	46.10618456	41.62071395
CRLF2	cytokine receptor like factor 2	84.14698174	69.19927137

IL-3 receptor family

IL3ra	interleukin 3 receptor subunit alpha	0	0
IL5ra	interleukin 5 receptor subunit alpha	330.1128976	333.1888391
Csf2ra	colony stimulating factor 2 receptor alpha subunit	27.10708541	25.18365572
Csf2rb	colony stimulating factor 2 receptor beta common sub	42.31488451	37.2027897
Csf2rb2	colony stimulating factor 2 receptor beta common sub	2.399736739	2.38002653

IL-6 receptor family

IL6R	interleukin 6 receptor	29.81921391	29.45282831
IL11RA	interleukin 11 receptor subunit alpha	7.28440797	6.485572295
IL6ST	interleukin 6 signal transducer	209.2882828	223.0828617
CNTFR	ciliary neurotrophic factor receptor	0	0
IL11ra2	interleukin 11 receptor subunit alpha 2	0	0
IL31RA	interleukin 31 receptor A	0	0
LIFR	LIF receptor alpha	0	0
OSMR	oncostatin M receptor	0	0
LEPR	leptin receptor	0	0
IL27RA	interleukin 27 receptor subunit alpha	0	0

IL-12 receptor family

IL23R	interleukin 23 receptor	0	0
IL12RB1	interleukin 12 receptor subunit beta 1	0	0
IL12RB2	interleukin 12 receptor subunit beta 2	1.292165936	0.892509949

Prolactin receptor family

EPOR	erythropoietin receptor	0	0
CSF3R	colony stimulating factor 3 receptor	0	0
GHR	growth hormone receptor	8.874766046	8.642471338
PRLR	prolactin receptor	1.37736369	1.398265587
MPL	MPL proto-oncogene, thrombopoietin receptor	0	0

Interferon receptor family

IFNAR1	interferon alpha and beta receptor subunit 1	174.343004	177.2524758
IFNAR2	interferon alpha and beta receptor subunit 2	155.414903	144.3188587
IFNGR1	interferon gamma receptor 1	26.61009851	26.16541667
IFNGR2	interferon gamma receptor 2	43.02486579	42.45372323

IL-10 receptor family

IL10RA	interleukin 10 receptor subunit alpha	0	0
IL10RB	interleukin 10 receptor subunit beta	104.7648382	97.6852139
IL20RA	interleukin 20 receptor subunit alpha	0	0
IL20RB	interleukin 20 receptor subunit beta	5.679850269	6.11369315
IL22RA1	interleukin 22 receptor subunit alpha 1	0	0
IL22RA2	interleukin 22 receptor subunit alpha 2	0	0
IFNLR1	interferon lambda receptor 1	0	0

Immunoglobulin-like family of IL-1 receptors

IL1R1	interleukin 1 receptor type 1	0	0
IL1R2	interleukin 1 receptor type 2	0	0
IL1RL1	interleukin 1 receptor like 1	0	0
IL1RL2	interleukin 1 receptor like 2	0	0
IL1rap	interleukin 1 receptor accessory protein	15.22199872	16.25855623
IL18R1	interleukin 18 receptor 1	0	0
IL18rap	interleukin 18 receptor accessory protein	0	0

IL-17 receptor family

IL17RA	interleukin 17 receptor A	110.1464963	102.8617716
IL17RB	interleukin 17 receptor B	1.632956952	1.651143405
IL17RC	interleukin 17 receptor C	0	0
IL17RD	interleukin 17 receptor D	3.961695563	4.269172589
IL17RE	interleukin 17 receptor E	0	0

GDNF receptor family

GFRA2	GDNF family receptor alpha 2	0	0
GFRA3	GDNF family receptor alpha 3	0	0
GFRA4	GDNF family receptor alpha 4	0	0
GFRA1	GDNF family receptor alpha 1	0	0

RECEPTOR SERINE/THREONINE KINASE FAMILY**Type I receptor serine/threonine kinases**

ACVRL1	activin A receptor like type 1	0	0
ACVR1	activin A receptor type 1	0	0
ACVR1B	activin A receptor type 1B	12.85066123	13.78927871
ACVR1C	activin A receptor type 1C	0	0
ACVR2A	activin A receptor type 2A	29.13763188	29.0214485
ACVR2B	activin A receptor type 2B	0	0
BMPR1A	bone morphogenetic protein receptor type 1A	82.14483452	82.48279444
BMPR1B	bone morphogenetic protein receptor type 1B	0	0
BMPR2	bone morphogenetic protein receptor type 2	41.02271857	47.54102994
TGFBR1	transforming growth factor beta receptor 1	0	0
TGFBR2	transforming growth factor beta receptor 2	0	0
TGFBR3	transforming growth factor beta receptor 3	0	0

RECEPTOR TYROSINE KINASE FAMILY

Type I RTKs: ErbB (epidermal growth factor) receptor family

EGFR	epidermal growth factor receptor	0	0
ERBB4	erb-b2 receptor tyrosine kinase 4	0	0
ERBB2	erb-b2 receptor tyrosine kinase 2	0	0
ERBB3	erb-b2 receptor tyrosine kinase 3	4.231488451	4.893929553

Type II RTKs: Insulin receptor family

INSR	insulin receptor	0	0
IGF1R	insulin like growth factor 1 receptor	243.0833919	256.477609

Type III RTKs: PDGFR, CSFR, Kit, FLT3 receptor family

CSF1R	colony stimulating factor 1 receptor	0	0
PDGFRA	platelet derived growth factor receptor alpha	0	0
PDGFRB	platelet derived growth factor receptor beta	0	0
FLT3	fms related tyrosine kinase 3	0	0

Type IV RTKs: VEGF (vascular endothelial growth factor) receptor family

FLT1	fms related tyrosine kinase 1	0	0
KDR	kinase insert domain receptor	0	0
FLT4	fms related tyrosine kinase 4	0	0

Type V RTKs: FGF (fibroblast growth factor) receptor family

FGFR2	fibroblast growth factor receptor 2	0	0
FGFR3	fibroblast growth factor receptor 3	0	0
FGFR4	fibroblast growth factor receptor 4	0	0
FGFR1	fibroblast growth factor receptor 1	0	0

Type VII RTKs: Neurotrophin receptor/Trk family

NTRK1	neurotrophic receptor tyrosine kinase 1	0	0
NTRK3	neurotrophic receptor tyrosine kinase 3	0	0
NTRK2	neurotrophic receptor tyrosine kinase 2	0	0

Type X RTKs: HGF (hepatocyte growth factor) receptor family

MET	MET proto-oncogene, receptor tyrosine kinase	0	0
MST1R	macrophage stimulating 1 receptor	0	0

Type XI RTKs: TAM (TYRO3-, AXL- and MER-TK) receptor family

MERTK	MER proto-oncogene, tyrosine kinase	0	0
TYRO3	TYRO3 protein tyrosine kinase	18.473713	17.16594135
AXL	AXL receptor tyrosine kinase	65.928862	61.92531528

Type XII RTKs: TIE family of angiopoietin receptors

TEK	TEK receptor tyrosine kinase	0	0
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TUMOUR NECROSIS FACTOR RECEPTOR FAMILY

TNFRSF1A	TNF receptor superfamily member 1A	47.68234301	48.59716671
TNFRSF1B	TNF receptor superfamily member 1B	30.67119145	31.26759854
LTBR	lymphotoxin beta receptor	85.68054131	81.87291264
TNFRSF4	TNF receptor superfamily member 4	2.910923263	2.796531173
TNFRSF10B	TNF receptor superfamily member 10b	0	0
TNFRSF11A	TNF receptor superfamily member 11a	0	0
TNFRSF12A	TNF receptor superfamily member 12A	9.28655519	8.835848493
TNFRSF13B	TNF receptor superfamily member 13B	169.7423253	167.8811214
TNFRSF13C	TNF receptor superfamily member 13C	57.45168547	49.74255448
TNFRSF14	TNF receptor superfamily member 14	10.15273236	10.35311541
TNFRSF17	TNF receptor superfamily member 17	1.845951338	1.27926426
TNFRSF18	TNF receptor superfamily member 18	33.17032557	32.45761181
TNFRSF19	TNF receptor superfamily member 19	0	0
TNFRSF25	TNF receptor superfamily member 25	1.647156578	1.725519234
Tnfrsf26	TNF receptor superfamily member 26	0	0
EDAR	ectodysplasin A receptor	0	0
FAS	Fas cell surface death receptor	4.018494065	3.525414298
NGFR	nerve growth factor receptor	0	0