

Algynomics Pain Research Panel v.2.0 -- Complete 540+ Gene List

ABCB1	ATF1	CCL4	CYP2C9	EREG
ACCN1	ATF3	CCL5	CYP2D6	ESR1
ACCN2	ATF6B	CCR1	CYP2E1	ESR2
ACCN3	ATP1A1	CCR2	CYP3A4	ETV1
ACCN4	ATP1B3	CDK5	DBH	EZR
ACE	ATP2B1	CDK5R1	DBI	F2R
ACE2	ATP6V1A	CDKN1A	DDC	F2RL1
ACPP	ATP6V1B2	CHRM1	DDR1	F2RL2
ACSL1	ATP6V1G2	CHRM2	DDX24	F2RL3
ADCY7	AVPR1A	CHRM3	DHX16	FAAH
ADCYAP1	AVPR1B	CHRM4	DLG4	FGF2
ADCYAP1R1	AVPR2	CHRM5	DPCR1	FKBP5
ADORA1	BAT1	CHRNA4	DPP4	FKBPL
ADORA2A	BDKRB1	CHRNA5	DRD1	FLOT1
ADORA2B	BDKRB2	CHRNA6	DRD2	FMR1
ADORA3	BDNF	CHRNB2	DRD3	FOS
ADRA1A	BTG2	CHUK	DRD4	FPR2
ADRA1B	C6ORF15	CLCN6	DRD5	GABARAPL1
ADRA1D	CA8	CNR1	DRGX	GABBR1
ADRA2A	CACNA1A	CNR2	EDN1	GABRA2
ADRA2C	CACNA1B	COL11A2	EDNRA	GABRA4
ADRB1	CACNA2D1	COMT	EDNRB	GABRA6
ADRB2	CACNA2D2	COQ10A	EFNB1	GABRB1
ADRB3	CACNA2D3	CPN1	EFNB2	GABRB2
ADRBK2	CACNA2D4	CREB1	EGF	GABRB3
AGER	CACNG2	CRH	EGFL8	GABRD
AGPAT1	CALCA	CRHBP	EGFR	GABRG2
AGT	CALCRL	CRHR1	EGR1	GABRG3
AGTR1	CALM2	CRHR2	EGR3	GAD1
AGTR2	CAMK2A	CRYAA	EPB41L2	GAD2
AKR1B10	CAMK2B	CSNK1A1	EPHB1	GAL
ALOX12	CAMK4	CSNK1E	EPHB2	GALR1
ANXA1	CAT	CTSD	EPHB3	GALR2
ANXA2	CCHCR1	CX3CL1	EPHB4	GALR3
APP	CCK	CX3CR1	EPHB6	GBP1
ARL5B	CCKAR	CXCL5	EPHX1	GBP2
ARRB1	CCKBR	CXCR4	EPHX2	GCH1
ARRB2	CCL2	CYBB	ERBB2	GDNF
ARTN	CCL3	CYP19A1	ERBB4	GFRA2

GH1	HLA-DOB	IL21R	MC1R	NR3C1
GHR	HLA-DPB1	IL22RA1	MC4R	NR4A1
GHRHR	HLA-DQA1	IL22RA2	MCCD1	NRG1
GLRA1	HLA-DQB1	IL2RA	MCF2L	NRM
GLRA2	HLA-DQB2	IL2RB	MDC1	NTF3
GLRA3	HLA-DRB5	IL33	MECP2	NTRK1
GLRA4	HLA-E	IL4	MICA	NTRK2
GLRB	HMGB1	IL5	MICB	NTRK3
GNAO1	HN1	IL6	MME	NTSR1
GNAZ	HNRNPD	IL7R	MMP24	NTSR2
GNB2L1	HNRNPU	IL8	MMP9	OPRD1
GNB3	HRH1	INADL	MPDZ	OPRK1
NGG5	HRH2	ITGAM	MPO	OPRL1
GPR177	HSD17B8	JUN	MPZ	OPRM1
GPSM3	HSP90AB1	KCNA2	MRGPRD	OSM
GPX4	HSPA8	KCNIP3	MSN	OXT
GRIA1	HSPA9	KCNJ11	MTDH	OXTR
GRIA2	HSPCA	KCNJ3	MTHFR	P2RX2
GRIA3	HTR1A	KCNJ5	MUC21	P2RX3
GRIA4	HTR1B	KCNJ6	NALP12	P2RX4
GRIK1	HTR2A	KCNJ8	NBL1	P2RX5
GRIN1	HTR2B	KCNJ9	NCR3	P2RX7
GRIN2A	HTR2C	KCNK2	NDN	P2RY1
GRIN2B	HTR3A	KCNS1	NFKBIA	P2RY12
GRIN3B	HTR3B	KCTD17	NFKBIL1	P2RY13
GRK4	HTR3E	KLK1	NFKBIZ	P2RY2
GRK5	IAPP	KLKB1	NGF	P2RY4
GRK6	IER3	KRAS	NGFR	P2RY6
GRK7	IFNG	LIPM	NLRP3	PACSIN1
GRM1	IFNGR1	LST1	NOS1	PAWR
GRP	IFRD1	LTA	NOS2A	PBX2
GSTT1	IGF1	LTB	NOS3	PDGFB
GTF2H4	IKBKAP	MAOA	NOTCH4	PDYN
HCN2	IKBKB	MAOB	NOVA1	PENK
HCP5	IL10	MAP2K1	NPY	PICK1
HDC	IL13	MAP2K1IP1	NPY1R	PIK3CA
HIF1A	IL17A	MAPK1	NPY2R	PIK3CB
HLA-A	IL1A	MAPK11	NPY5R	PIK3CG
HLA-B	IL1B	MAPK13	NPY6R	PIP5K1A
HLA-C	IL1RN	MAPK14	NQO1	PIP5K1B
HLA-DMB	IL2	MAPK3	NR2F6	PIP5K1C

PITX3	PROK2	S100A10	SLC6A2	TNXB
PLA2G4A	PROKR1	S100A12	SLC6A3	TPH2
PLA2G4B	PRRT1	S100B	SLC6A4	TRIM10
PLAUR	PRX	SC5DL	SOD2	TRIM15
PLCB3	PSMB8	SCD	SPARC	TRIM26
PLCG1	PSMB9	SCN10A	SPP1	TRIM31
PNMT	PSORS1C1	SCN11A	SPTLC1	TRIM40
PNOC	PTGER1	SCN1A	STAU1	TRPA1
POMC	PTGER2	SCN2A	STAU2	TRPM8
POU5F1	PTGER3	SCN3A	TAAR1	TRPV1
PPARA	PTGER4	SCN5A	TAAR2	TRPV2
PPARG	PTGIR	SCN8A	TAAR5	TRPV3
PPP1R1B	PTGS1	SCN9A	TAAR6	TRPV4
PPP3CA	PTGS2	SET	TAAR8	TUBB
PPP3CC	PYY	SFTA2	TAAR9	TYRP1
PPP3R1	RAB5A	SGK1	TAC1	UGT2B7
PPP3R2	RAD52	SIGMAR1	TACR1	VARS2
PPT2	RAG1	SLC12A2	TACR2	VDR
PRKAA2	RAP1A	SLC12A5	TACR3	VEGFA
PRKACA	RBMXL2	SLC17A6	TAP1	VPS4A
PRKACB	RELA	SLC17A7	TAP2	VPS4B
PRKAG2	RET	SLC17A8	TCF19	VPS52
PRKAR1B	RGS2	SLC18A2	TCIRG1	WNK1
PRKCD	RGS4	SLC1A3	TGFB1	XDH
PRKCE	RING1	SLC29A1	TH	YWHAZ
PRKCG	RNF5	SLC32A1	TLR2	ZFAND5
PRKD1	RPS18	SLC39A7	TLR4	ZFAND6
PRKD3	RUNX1	SLC44A4	TMSB10	
PRKG1	RUNX2	SLC6A1	TMSB4X	
PRL	RUNX3	SLC6A11	TNF	
PRLR	RXRB	SLC6A13	TNFAIP3	