

PCR Cancer Array Gene List

PCR Array Catalog #: PARN-033

Position	Unigene	Refseq	Symbol	Description	Gname	RT2 Catalog
A01	Rn.11422	NM_033230	Akt1	V-akt murine thymoma	Akt	PPR45425B
A02	Rn.161953	NM_053546	Angpt1	Angiopoietin 1	Agpt/Agpt1/Angpt1	PPR57511B
A03	Rn.64522	NM_023979	Apaf1	Apoptotic peptididomains 1	-	PPR06564B
A04	Rn.214048	NM_001106821	Atm	Ataxia telangiectasia	-	PPR53729B
A05	Rn.36696	NM_022698	Bad	BCL2-associated protein 1	MGC72439	PPR06535A
A06	Rn.10668	NM_017059	Bax	Bcl2-associated protein 4	-	PPR06496B
A07	Rn.9996	NM_016993	Bcl2	B-cell CLL/lymphoma 2	Bcl-2	PPR06577A
A08	Rn.10323	NM_031535	Bcl2l1	Bcl2-like 1	Bcl-xl/Bcl2l1/Bcl2l1	PPR06491A
A09	Rn.54471	NM_022274	Birc5	Baculoviral IAP repeat-containing protein 5	AP14	PPR06554E
A10	Rn.48840	NM_012514	Brca1	Breast cancer 1	-	PPR06550A
A11	Rn.54474	NM_022277	Casp8	Caspase 8	-	PPR06555A
A12	Rn.22279	NM_171992	Ccnd1	Cyclin D1	-	PPR06517B
B01	Rn.15455	NM_001100821	Ccne1	Cyclin E1	CYCLE/Ccne	PPR59960A
B02	Rn.11390	NM_133571	Cdc25a	Cell division cycle 25A	-	PPR06400A
B03	Rn.1303	NM_031334	Cdh1	Cadherin 1	-	PPR42461A
B04	Rn.104460	NM_199501	Cdk2	Cyclin dependent kinase 2	-	PPR55478A
B05	Rn.6115	NM_053593	Cdk4	Cyclin-dependent kinase 4	-	PPR06455B
B06	Rn.10089	NM_080782	Cdkn1a	Cyclin-dependent kinase inhibitor 1A	Cip1/Waf1	PPR06378A
B07	Rn.48717	NM_031550	Cdkn2a	Cyclin-dependent kinase inhibitor 2A	Arf/INK4A/MTS1	PPR06449A
B08	Rn.204752	NM_057138	Cflar	CASP8 and FADD-like domain containing	Flip/MGC108616	PPR06420E
B09	Rn.163213	NM_053677	Chek2	CHK2 checkpoint kinase	Chk2/Rad53	PPR06509A
B10	Rn.12030	XM_241632	Col18a1	Collagen, type XVIII	-	PPR45565A
B11	Rn.112601	NM_053357	Ctnnb1	Catenin (cadherin cell adhesion molecule)	Catnb	PPR57457A
B12	Rn.72471	NM_001100778	E2f1	E2F transcription factor 1	-	PPR55684A
C01	Rn.37227	NM_031507	Egfr	Epidermal growth factor receptor	ERBB1/ErbB-1/HER1	PPR48960A
C02	Rn.164554	NM_001107107	Ets2	V-ets erythroblast transformation	-	PPR48504A
C03	Rn.88013	NM_012846	Fgf1	Fibroblast growth factor 1	HBGF-1/HBGF1	PPR06631B
C04	Rn.12732	NM_001109892	Fgfr2	Fibroblast growth factor receptor 2	-	PPR06654E
C05	Rn.10796	NM_031761	Figf	C-fos induced growth factor	Vegf-d	PPR06656B
C06	Rn.103750	NM_022197	Fos	FBJ osteosarcoma	c-fos	PPR55248B
C07	Rn.3360	NM_030846	Grb2	Growth factor receptor tyrosine kinase	MGC108668	PPR43063A
C08	Rn.10468	NM_017017	Hgf	Hepatocyte growth factor	HPTA	PPR44869B

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C09	Rn.12	NM_012967	Icam1	Intercellular adh	CD54/ICAM	PPR42235A
C10	Rn.196548	NM_001014786	Ifna1	Interferon-alpha	IFN-alpha1	PPR06851A
C11	Rn.138105	NM_019127	Ifnb1	Interferon beta 1	Ifnb	PPR06442B
C12	Rn.6282	NM_178866	Igf1	Insulin-like grow	-	PPR06664E
D01	Rn.83597	XM_345156	Itga2	Integrin, alpha 2	CD49B	PPR52451A
D02	Rn.154664	NM_001108292	Itga3	Integrin, alpha 3	-	PPR44350A
D03	Rn.12704	NM_001107737	Itga4	Integrin, alpha 4	-	PPR55836A
D04	Rn.23339	NM_001106549	Itgav	Integrin, alpha V	Cd51	PPR47575A
D05	Rn.25733	NM_017022	Itgb1	Integrin, beta 1	-	PPR48046E
D06	Rn.162202	NM_153720	Itgb3	Integrin, beta 3	-	PPR46423E
D07	Rn.93714	NM_021835	Jun	Jun oncogene	-	PPR53221A
D08	Rn.66008	NM_181692	Kiss1	KiSS-1 metastas	Eseptin	PPR51615A
D09	Rn.5850	NM_031643	Map2k1	Mitogen activate	Mek1	PPR43465A
D10	Rn.2694	NM_023983	Mcam	Melanoma cell a	Muc18	PPR42821E
D11	Rn.91829	NM_001108099	Mdm2	Mdm2 p53 bindi	-	PPR06687A
D12	Rn.10617	NM_031517	Met	Met proto-oncog	Hgfr	PPR44954A
E01	Rn.6422	NM_031054	Mmp2	Matrix metallope	-	PPR43605C
E02	Rn.10209	NM_031055	Mmp9	Matrix metallope	-	PPR44728B
E03	Rn.5840	NM_022588	Mta1	Metastasis asso	-	PPR43464B
E04	Rn.137719	NM_001100740	Mta2	Metastasis asso	-	PPR46067A
E05	Rn.10779	XM_342281	Muc1	Mucin 1, cell sur	MGC188069	PPR51463A
E06	Rn.12072	NM_012603	Myc	Myelocytomatos	MGC105490/RN	PPR45580A
E07	Rn.11283	NM_031521	Ncam1	Neural cell adhe	Cd56/MGC1246	PPR45346A
E08	Rn.2411	XM_342346	Nfkb1	Nuclear factor of	NF-kB	PPR42746A
E09	Rn.12550	NM_001105720	Nfkbia	Nuclear factor of	RL/IF-1	PPR45652A
E10	Rn.6236	NM_138548	Nme1	Non-metastatic c	-	PPR43551A
E11	Rn.10999	NM_012801	Pdgfa	Platelet-derived	PDGFACP	PPR06694B
E12	Rn.198230	XM_343293	Pdgfb	Platelet-derived	SIS/c-sis	PPR52586E
F01	Rn.10599	NM_013005	Pik3r1	Phosphoinositide	PI3KA	PPR44943F
F02	Rn.6064	NM_013085	Plau	Plasminogen ac	MGC124931/UP	PPR43507E
F03	Rn.82711	NM_017350	Plaur	Plasminogen ac	Par/Plaur3/uPAF	PPR52384A
F04	Rn.22158	NM_031606	Pten	Phosphatase an	MMAC1/Mmac/1	PPR47268A
F05	Rn.33262	NM_012639	Raf1	V-raf-leukemia v	-	PPR48609A
F06	Rn.55115	NM_017045	Rb1	Retinoblastoma	-	PPR06558A
F07	Rn.504	NM_012618	S100a4	S100 calcium-bi	18A2/42A/CAPL	PPR42299A

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F08	Rn.42912	NM_021696	Serpib2	Serpin peptidase	Pai2a	PPR49538A
F09	Rn.29367	NM_012620	Serpine1	Serpin peptidase	PAI1A/Pai1/Pai1	PPR48309A
F10	Rn.9159	NM_001105737	Tek	TEK tyrosine kin	Tie-2/Tie2	PPR44285B
F11	Rn.48802	NM_053423	Tert	Telomerase reve-		PPR50309A
F12	Rn.40136	NM_021578	Tgfb1	Transforming gro-		PPR06430B
G01	Rn.44402	NM_012775	Tgfb1	Transforming gro	MGC93659	PPR06439E
G02	Rn.185771	NM_001013062	Thbs1	Thrombospondin	TSP-1/Tsp1	PPR63321C
G03	Rn.25754	NM_053819	Timp1	TIMP metallopro	TIMP-1/Timp	PPR48051B
G04	Rn.2275	NM_012675	Tnf	Tumor necrosis	MGC124630/RA	PPR06411E
G05	Rn.105558	NM_001108873	Tnfrsf10b	Tumor necrosis	-	PPR56024A
G06	Rn.11119	NM_013091	Tnfrsf1a	Tumor necrosis	MGC105478/Tn	PPR06395A
G07	Rn.162521	NM_139194	Fas	Fas (TNF recept	Tnfrsf6	PPR47870E
G08	Rn.54443	NM_030989	Tp53	Tumor protein p	MGC112612/Trp	PPR06553A
G09	Rn.161904	NM_053530	Twist1	Twist homolog 1	Twist	PPR51549A
G10	Rn.1923	NM_031836	Vegfa	Vascular endothe	VEGF164/Vegf	PPR06748B
G11	Rn.198550	NM_053549	Vegfb	Vascular endothe	-	PPR51827A
G12	Rn.6913	NM_053653	Vegfc	Vascular endothe	-	PPR06749B
H01	Rn.973	NM_001007604	Rplp1	Ribosomal prote	MGC72935	PPR42363B
H02	Rn.47	NM_012583	Hprt1	Hypoxanthine ph	Hgprtase/Hprt/M	PPR42247E
H03	Rn.92211	NM_173340	Rpl13a	Ribosomal prote	-	PPR53027A
H04	Rn.107896	NM_017025	Ldha	Lactate dehydro	Ldh1	PPR56603B
H05	Rn.94978	NM_031144	Actb	Actin, beta	Actx	PPR06570B
H06	N/A	U26919	RGDC	Rat Genomic DN	RGDC	
H07	N/A	SA_00104	RTC	Reverse Transcr	RTC	
H08	N/A	SA_00104	RTC	Reverse Transcr	RTC	
H09	N/A	SA_00104	RTC	Reverse Transcr	RTC	
H10	N/A	SA_00103	PPC	Positive PCR Cd	PPC	
H11	N/A	SA_00103	PPC	Positive PCR Cd	PPC	
H12	N/A	SA_00103	PPC	Positive PCR Cd	PPC	