

QuantiNova® LNA® PCR IncRNA Focus Panels (96-Well Format and 384-Well [4 x 96] Format)

Mouse IncFinder

Cat. no. 249951 SLMM-001ZA

For study focus gene expression analysis

Shipping and storage

QuantiNova LNA PCR IncRNA Focus Panels are shipped at room temperature. Immediately upon receipt, they should be stored at 2–8°C for short term storage or at –30°C to –15°C for long time storage. Under these conditions, all components are stable for at least 12 months.

Note: Open the package and store the products appropriately immediately upon receipt.

For optimal performance, QuantiNova LNA PCR IncRNA Focus Panels should be used together with the QuantiNova Reverse Transcription Kit for cDNA synthesis and the QuantiNova SYBR® Green PCR Kit (Mastermix) for PCR.

Panel layout (96-well): QuantiNova LNA PCR IncRNA Focus Panel

For the 384-well (4 × 96) PCR panels, genes are present in a staggered format. Refer to the QuantiNova LNA PCR System Handbook at www.qiagen.com for further details.

	1	2	3	4	5	6	7	8	9	10	11	12
A	Gm12610	Dancr	Zfas1	Hagl1	Dnm3os	Gm20219	Snhg12	Snhg20	Hoxaas2	Snhg15	Foxd2os	Terc
B	Hota1m1	Abhd11os	Snhg14	Snhg3	Mir22hg	Ifngas1	1110038B12R ik	1700007L15R k	1700008K24R ik	1700020114R k	1810053B23R ik	2210408F21R ik
C	2700046G09 Rik	5430416N02 Rik	6820431F20R ik	9530059O14 Rik	A330009N23 Rik	Airm	Bvht	C130071C03 Rik	Crnde	D130020L05R ik	Dia3os	Dleu2
D	Dlx1as	Dlx6os1	Dreh	Emx2os	Fendrr	Firre	Fbx	G730013B05 Rik	Gas5	Gm15850	Gm16938	Gm17750
E	Gm2694	Gm9866	Gt(ROSA)26Sor	H19	Has2os	Hota1r	Hottip	Hoxa11os	Igf2os	Jpx	Kcnq1ot1	Malat1
F	Meg3	Miat	Mir124a-1hg	Mirg	Gm14005	Mtag2	Nctc1	Neat1	Nespas	Nkx2-2os	Nron	Otx2os1
G	Pinc	Pldi	Pvt1	Rab10os	Rian	Rmst	Six3os1	Snhg1	Snhg4	Snhg5	Snhg6	Snhg7os
H	Actb	B2m	Gapdh	Gusb	Hsp90ab1	MGDC	QIC	QIC	QIC	PPC	PPC	PPC

Gene table: QuantiNova LNA PCR IncRNA Focus Panel

Position	Assay	Name	Symbol	Ensembl ID	Description
A01	SBM0976861	ENSMUST00000139272.1	Gm12610	ENSMUSG0000086035	predicted gene 12610 Source MGI Symbol Acc MGI 3652143
A02	SBM0734288	ENSMUST00000117249.1	Dancr	ENSMUSG0000106943	differentiation antagonizing non-protein coding RNA Source MGI Symbol Acc MGI 1917286
A03	SBM0677076	ENSMUST00000136378.1	Zfas1	ENSMUSG0000074578	zinc finger, NFX1-type containing 1, antisense RNA 1 Source MGI Symbol Acc MGI 1916199
A04	SBM0843030	ENSMUST00000100000.2	Haglr	ENSMUSG0000075277	Hoxd antisense growth associated long non-coding RNA Source MGI Symbol Acc MGI 3026978
A05	SBM1005069	ENSMUST00000231725.1	Dnm3os	ENSMUSG0000078190	dynammin 3, opposite strand Source MGI Symbol Acc MGI 3052332
A06	SBM1089902	ENSMUST00000209718.1	Gm20219	ENSMUSG0000110218	predicted gene, 20219 Source MGI Symbol Acc MGI 5012404
A07	SBM1021174	ENSMUST00000153474.8	Snhg12	ENSMUSG0000086290	small nucleolar RNA host gene 12 Source MGI Symbol Acc MGI 1916721
A08	SBM0825665	ENSMUST00000232695.1	Snhg20	ENSMUSG0000086859	small nucleolar RNA host gene 20 Source MGI Symbol Acc MGI 1924222
A09	SBM0701018	ENSMUST00000155922.1	Hoxaas2	ENSMUSG0000056445	Hoxa cluster antisense RNA 2 Source MGI Symbol Acc MGI 1913890
A10	SBM0901777	ENSMUST00000129570.1	Snhg15	ENSMUSG0000085156	small nucleolar RNA host gene 15 Source MGI Symbol Acc MGI 3650059
A11	SBM0703192	ENSMUST00000123272.1	Foxd2os	ENSMUSG0000085399	forkhead box D2, opposite strand Source MGI Symbol Acc MGI 2444065
A12	SBM0745223	ENSMUST00000082862.1	Terc	ENSMUSG0000064796	telomerase RNA component Source MGI Symbol Acc MGI 109558
B01	SBM0778719	ENSMUST00000159006.1	Hotairm1	ENSMUSG0000087658	Hoxa transcript antisense RNA, myeloid-specific 1 Source MGI Symbol Acc MGI 3705155
B02	SBM1072397	ENSMUST00000136022.7	Abhd11os	ENSMUSG0000085042	abhydrolase domain containing 11, opposite strand Source MGI Symbol Acc MGI 1917062
B03	SBM0977549	ENSMUST00000188976.1	Snhg14	ENSMUSG0000100826	small nucleolar RNA host gene 14 Source MGI Symbol Acc MGI 1289201
B04	SBM0834765	ENSMUST00000136127.1	Snhg3	ENSMUSG0000085241	small nucleolar RNA host gene 3 Source MGI Symbol Acc MGI 2684817
B05	SBM0773786	ENSMUST00000149940.1	Mir22hg	ENSMUSG0000085148	Mir22 host gene (non-protein coding) Source MGI Symbol Acc MGI 1914348
B06	SBM1059860	ENSMUST00000220034.1	lfnas1	ENSMUSG0000112230	lfn antisense RNA 1 Source MGI Symbol Acc MGI 1934663
B07	SBM0780467	ENSMUST00000174039.7	1110038B12Rik	ENSMUSG0000092203	RIKEN cDNA 1110038B12 gene Source MGI Symbol Acc MGI 1916013
B08	SBM0828862	ENSMUST00000231849.1	1700007L15Rik	ENSMUSG0000097318	RIKEN cDNA 1700007L15 gene Source MGI Symbol Acc MGI 1916581
B09	SBM0715094	ENSMUST00000188649.1	1700008K24Rik	ENSMUSG0000101012	RIKEN cDNA 1700008K24 gene Source MGI Symbol Acc MGI 1916561
B10	SBM0966676	ENSMUST00000147425.1	1700020I14Rik	ENSMUSG0000085438	RIKEN cDNA 1700020I14 gene Source MGI Symbol Acc MGI 1913852
B11	SBM0715764	ENSMUST00000188056.6	1810053B23Rik	ENSMUSG0000100277	RIKEN cDNA 1810053B23 gene Source MGI Symbol Acc MGI 1917107
B12	SBM1056920	ENSMUST00000123149.7	2210408F21Rik	ENSMUSG0000087380	RIKEN cDNA 2210408F21 gene Source MGI Symbol Acc MGI 1920902
C01	SBM1014646	ENSMUST00000181612.2	2700046G09Rik	ENSMUSG0000097787	RIKEN cDNA 2700046G09 gene Source MGI Symbol Acc MGI 1914438
C02	SBM0887422	ENSMUST00000181873.7	5430416N02Rik	ENSMUSG0000097772	RIKEN cDNA 5430416N02 gene Source MGI Symbol Acc MGI 1918676
C03	SBM0885172	ENSMUST00000150051.7	6820431F20Rik	ENSMUSG0000071796	RIKEN cDNA 6820431F20 gene Source MGI Symbol Acc MGI 3694236
C04	SBM1033705	ENSMUST00000181682.8	9530059O14Rik	ENSMUSG0000097736	RIKEN cDNA 9530059O14 gene Source MGI Symbol Acc MGI 2442421
C05	SBM1034844	ENSMUST00000180639.2	A330009N23Rik	ENSMUSG0000097915	RIKEN cDNA A330009N23 gene Source MGI Symbol Acc MGI 2443491
C06	SBM0922825	ENSMUST00000159731.1	Airn	ENSMUSG0000078247	antisense lgf2r RNA Source MGI Symbol Acc MGI 1353471
C07	SBM0918500	ENSMUST00000183083.7	Bvht	ENSMUSG0000098098	braveheart long non-coding RNA Source MGI Symbol Acc MGI 5434104
C08	SBM0683430	ENSMUST00000131907.8	C130071C03Rik	ENSMUSG0000050334	RIKEN cDNA C130071C03 gene Source MGI Symbol Acc MGI 2443574
C09	SBM1079975	ENSMUST00000034183.9	Crnde	ENSMUSG0000031736	colorectal neoplasia differentially expressed (non-protein coding) Source MGI Symbol Acc MGI 1918546
C10	SBM0824324	ENSMUST00000180800.1	D130020L05Rik	ENSMUSG0000097121	RIKEN cDNA D130020L05 gene Source MGI Symbol Acc MGI 2450270
		ENSMUST00000		ENSMUSG00	deiodinase, iodothyronine type III, opposite strand Source MGI Symbol Acc MGI

Position	Assay	Name	Symbol	Ensembl ID	Description
C11	SBM0963468	220793.1	Dio3os	000113581	2664395
C12	SBM0838359	ENSMUST00000182325.7	Dleu2	ENSMUSG0000097589	deleted in lymphocytic leukemia, 2 Source MGI Symbol Acc MGI 1934030
D01	SBM1034129	ENSMUST00000140271.1	Dlx1as	ENSMUSG0000084946	distal-less homeobox 1, antisense Source MGI Symbol Acc MGI 1195983
D02	SBM0674727	ENSMUST00000159827.2	Dlx6os1	ENSMUSG0000090063	distal-less homeobox 6, opposite strand 1 Source MGI Symbol Acc MGI 2443217
D03	SBM0739570	ENSMUST00000233348.1	Dreh	ENSMUSG0000117105	novel transcript
D04	SBM0777798	ENSMUST00000136990.2	Emx2os	ENSMUSG0000087095	Emx2 opposite strand/antisense transcript (non-protein coding) Source MGI Symbol Acc MGI 3052329
D05	SBM0820502	ENSMUST00000182264.1	Fendrr	ENSMUSG0000097336	Foxf1 adjacent non-coding developmental regulatory RNA Source MGI Symbol Acc MGI 1916040
D06	SBM0766068	ENSMUST00000124842.7	Firre	ENSMUSG0000085396	functional intergenic repeating RNA element Source MGI Symbol Acc MGI 2147989
D07	SBM0966445	ENSMUST00000237368.1	Ftx	ENSMUSG0000086370	Ftx transcript, Xist regulator (non-protein coding) Source MGI Symbol Acc MGI 1926128
D08	SBM0743062	ENSMUST00000181884.1	G730013B05Rik	ENSMUSG0000097694	RIKEN cDNA G730013B05 gene Source MGI Symbol Acc MGI 3588276
D09	SBM0674752	ENSMUST00000161005.7	Gas5	ENSMUSG0000053332	growth arrest specific 5 Source MGI Symbol Acc MGI 95659
D10	SBM0753064	ENSMUST00000146091.9	Gm15850	ENSMUSG0000086264	predicted gene 15850 Source MGI Symbol Acc MGI 3801986
D11	SBM0994966	ENSMUST00000205893.1	Gm16938	ENSMUSG0000097749	predicted gene, 16938 Source MGI Symbol Acc MGI 4439862
D12	SBM0955549	ENSMUST00000182477.1	Gm17750	ENSMUSG0000098087	predicted gene, 17750 Source MGI Symbol Acc MGI 5009828
E01	SBM0854324	ENSMUST00000210935.1	Gm2694	ENSMUSG0000097248	predicted gene 2694 Source MGI Symbol Acc MGI 3780864
E02	SBM0948600	ENSMUST00000220998.1	Gm9866	ENSMUSG0000094002	predicted gene 9866 Source MGI Symbol Acc MGI 3643118
E03	SBM0765006	ENSMUST00000133467.2	Gt(ROSA)26Sor	ENSMUSG0000086429	gene trap ROSA 26, Philippe Soriano Source MGI Symbol Acc MGI 104735
E04	SBM0818653	ENSMUST00000152754.8	H19	ENSMUSG0000000031	H19, imprinted maternally expressed transcript Source MGI Symbol Acc MGI 95891
E05	SBM0959942	ENSMUST00000165880.1	Has2os	ENSMUSG0000086541	hyaluronan synthase 2, opposite strand Source MGI Symbol Acc MGI 3643465
E06	SBM0797802	ENSMUST00000151949.4	Hotair	ENSMUSG0000086903	HOX transcript antisense RNA (non-protein coding) Source MGI Symbol Acc MGI 3826586
E07	SBM0856716	ENSMUST00000152875.1	Hottip	ENSMUSG0000055408	Hoxa distal transcript antisense RNA Source MGI Symbol Acc MGI 3642509
E08	SBM0760766	ENSMUST00000156515.8	Hoxa11os	ENSMUSG0000086427	homeobox A11, opposite strand Source MGI Symbol Acc MGI 107208
E09	SBM0827530	ENSMUST00000141681.1	Igf2os	ENSMUSG0000086266	insulin-like growth factor 2, opposite strand Source MGI Symbol Acc MGI 1195257
E10	SBM0712055	ENSMUST00000181020.8	Jpx	ENSMUSG0000097571	Jpx transcript, Xist activator (non-protein coding) Source MGI Symbol Acc MGI 2180008
E11	SBM1070107	ENSMUST00000185789.2	Kcnq1ot1	ENSMUSG0000101609	KCNQ1 overlapping transcript 1 Source MGI Symbol Acc MGI 1926855
E12	SBM1031723	ENSMUST00000173314.1	Malat1	ENSMUSG0000092341	metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA) Source MGI Symbol Acc MGI 1919539
F01	SBM0834892	ENSMUST00000143847.7	Meg3	ENSMUSG0000021268	maternally expressed 3 Source MGI Symbol Acc MGI 1202886
F02	SBM0746127	ENSMUST00000182509.7	Miat	ENSMUSG0000097767	myocardial infarction associated transcript (non-protein coding) Source MGI Symbol Acc MGI 2444886
F03	SBM1004249	ENSMUST00000181808.2	Mir124a-1hg	ENSMUSG0000097545	Mir124-1 host gene (non-protein coding) Source MGI Symbol Acc MGI 2442197
F04	SBM0762025	ENSMUST00000182185.7	Mirg	ENSMUSG0000097391	miRNA containing gene Source MGI Symbol Acc MGI 3781106
F05	SBM0676665	ENSMUST00000151427.1	Gm14005	ENSMUSG0000074813	predicted gene 14005 Source MGI Symbol Acc MGI 3652191
F06	SBM0785095	ENSMUST00000211463.1	Mtag2	ENSMUSG0000091510	metastasis associated gene 2 Source MGI Symbol Acc MGI 1860766
F07	SBM1076797	ENSMUST00000132167.7	Ndc1	ENSMUSG0000087090	non-coding transcript 1 Source MGI Symbol Acc MGI 1306816
F08	SBM0868233	ENSMUST00000174829.1	Neat1	ENSMUSG0000092274	nuclear paraspeckle assembly transcript 1 (non-protein coding) Source MGI Symbol Acc MGI 1914211
F09	SBM1014180	ENSMUST00000151472.7	Nespas	ENSMUSG0000086537	neuroendocrine secretory protein antisense Source MGI Symbol Acc MGI 1861674
F10	SBM1058044	ENSMUST00000136998.2	Nkx2-2os	ENSMUSG0000086509	NK2 homeobox 2, opposite strand Source MGI Symbol Acc MGI 3652259

Position	Assay	Name	Symbol	Ensembl ID	Description
F11	SBM0702429	ENSMUST00000140412.1	Nron	ENSMUSG0000086484	non-protein coding RNA, repressor of NFAT Source MGI Symbol Acc MGI 2444126
F12	SBM1051872	ENSMUST00000183522.7	Otx2os1	ENSMUSG0000098682	orthodenticle homeobox 2 opposite strand 1 Source MGI Symbol Acc MGI 3583292
G01	SBM0981935	ENSMUST00000190229.6	Pinc	ENSMUSG0000099877	pregnancy induced noncoding RNA Source MGI Symbol Acc MGI 3623820
G02	SBM0861022	ENSMUST00000036304.3	Pldi	ENSMUSG0000037247	polymorphic derived intron containing Source MGI Symbol Acc MGI 1920866
G03	SBM0965777	ENSMUST00000180432.8	Pvt1	ENSMUSG0000097039	Pvt1 oncogene Source MGI Symbol Acc MGI 97824
G04	SBM0743110	ENSMUST00000179643.7	Rab10os	ENSMUSG0000079179	RAB10, member RAS oncogene family, opposite strand Source MGI Symbol Acc MGI 1921423
G05	SBM0745954	ENSMUST00000182689.7	Rian	ENSMUSG0000097451	RNA imprinted and accumulated in nucleus Source MGI Symbol Acc MGI 1922995
G06	SBM1023163	ENSMUST00000220288.1	Rmst	ENSMUSG0000112117	rhabdomyosarcoma 2 associated transcript (non-coding RNA) Source MGI Symbol Acc MGI 1099806
G07	SBM0863830	ENSMUST00000176917.7	Six3os1	ENSMUSG0000093460	SIX homeobox 3, opposite strand 1 Source MGI Symbol Acc MGI 1925118
G08	SBM1081202	ENSMUST00000206155.1	Snhg1	ENSMUSG0000108414	small nucleolar RNA host gene 1 Source MGI Symbol Acc MGI 3763743
G09	SBM0765902	ENSMUST00000235679.1	Snhg4	ENSMUSG0000117869	small nucleolar RNA host gene 4 (non-protein coding)
G10	SBM0693359	ENSMUST00000183045.1	Snhg5	ENSMUSG0000097195	small nucleolar RNA host gene 5 Source MGI Symbol Acc MGI 1919905
G11	SBM0870308	ENSMUST00000182580.7	Snhg6	ENSMUSG0000098234	small nucleolar RNA host gene 6 Source MGI Symbol Acc MGI 1921074
G12	SBM0849360	ENSMUST00000131841.7	Snhg7os	ENSMUSG0000086775	small nucleolar RNA host gene 7, opposite strand Source MGI Symbol Acc MGI 3045374
H01	SBM1220560	ENSMUST00000100497.10	Actb	ENSMUSG0000029580	actin, beta Source MGI Symbol Acc MGI 87904
H02	SBM0675336	ENSMUST00000102476.4	B2m	ENSMUSG0000060802	beta-2 microglobulin Source MGI Symbol Acc MGI 88127
H03	SBM1220562	ENSMUST00000117757.8	Gapdh	ENSMUSG0000057666	glyceraldehyde-3-phosphate dehydrogenase Source MGI Symbol Acc MGI 95640
H04	SBM1220563	ENSMUST00000026613.13	Gusb	ENSMUSG0000025534	glucuronidase, beta Source MGI Symbol Acc MGI 95872
H05	SBM1220564	ENSMUST00000166469.7	Hsp90ab1	ENSMUSG0000023944	heat shock protein 90 alpha (cytosolic), class B member 1 Source MGI Symbol Acc MGI 96247
H06	SBM1218554	Sybr_MGDC	MGDC	Sybr_MGDC	Mouse Genomic DNA Contamination
H07	SBH1218551	Sybr_QIC	QIC	Sybr_QIC	QuantiNova Internal Control
H08	SBH1218551	Sybr_QIC	QIC	Sybr_QIC	QuantiNova Internal Control
H09	SBH1218551	Sybr_QIC	QIC	Sybr_QIC	QuantiNova Internal Control
H10	SBH1218550	Sybr_PPC	PPC	Sybr_PPC	Positive PCR Control
H11	SBH1218550	Sybr_PPC	PPC	Sybr_PPC	Positive PCR Control
H12	SBH1218550	Sybr_PPC	PPC	Sybr_PPC	Positive PCR Control

Related products

Product	Contents	Cat. no.
QuantiNova LNA PCR QC Panel	These panels are designed to assess the quality of RNA samples before characterization using QuantiNova LNA PCR IncRNA Focus Panels; available in 96-well, 384-well, and Rotor-Disc 100 formats	249940
QuantiNova Reverse Transcription Kit (10)*	For 10 x 20 μ l reactions: 20 μ l 8x gDNA Removal Mix, 10 μ l Reverse Transcription Enzyme, 40 μ l Reverse Transcription Mix (containing RT primers), 20 μ l Internal Control RNA, 1.9 ml RNase-Free Water	205410
QuantiNova SYBR Green RT-PCR Kit (100)*	For 100 x 20 μ l reactions: 1 ml QuantiNova SYBR Green RT-PCR Master Mix, 20 μ l QuantiNova SYBR Green RT Mix, 20 μ l Internal Control RNA, 500 μ l Yellow Template Dilution Buffer, 250 μ l ROX Reference Dye, 1.9 μ l RNase-Free Water	208152
QuantiNova SYBR Green PCR Kit (100)*	For 100 x 20 μ l reactions: 1 ml 2x QuantiNova SYBR Green PCR Master Mix, 500 μ l QuantiNova Yellow Template Dilution Buffer, 250 μ l QN ROX Reference Dye, 1.9 ml Water	208052

*Larger kit sizes available.

The QuantiNova LNA PCR IncRNA Focus Panels are intended for molecular biology applications. These products are not intended for the diagnosis, prevention or treatment of a disease.

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