QuantiNova® LNA® Probe PCR lncRNA Focus Panels (Rotor-Gene® Format)

Mouse lncFinder

Cat. no. 249956 ULMM-001ZR

For study focus gene expression analysis

Shipping and storage

QuantiNova LNA Probe PCR lncRNA Focus Panels are shipped at room temperature. Immediately upon receipt, they should be stored protected from light 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 Probe PCR lncRNA Focus Panels should be used together with the QuantiNova Reverse Transcription Kit for cDNA synthesis and the QuantiNova Probe PCR Kit (Mastermix) for PCR.

Panel layout (Rotor-Gene): QuantiNova LNA Probe PCR Focus Panel

The 96 real-time assays in the Rotor-Gene format are located in wells 1–96 of the Rotor-Disc® (plate A1–A12=Rotor-Disc 1–12, plate B1–B12=Rotor-Disc 13–24, etc.). To maintain data analysis compatibility, wells 97–100 do not contain real-time assays but will contain master mix to account for weight balance. Refer to the QuantiNova LNA Probe PCR Handbook at **www.qiagen.com** for further details.

	1	2	3	4	5	6	7	8	9	10	11	12
A	Gm12610	Dancr	Zfas1	Haglr	Dnm3os	Gm20219	Snhg12	Snhg20	Hoxaas2	Snhg15	Foxd2os	Terc
B	Hotairm1	Abhd11os	Snhg14	Snhg3	Mir22hg	Ifngas1	1110038B12Rik	1700007L15Rik	1700008K24Rik	1700020I14Rik	1810053B23Rik	2210408F21Rik
C	2700046G09Rik	5430416N02Rik	6820431F20Rik	9530059O14Rik	A330009N23Rik	Airn	Bvht	C130071C03Rik	Crnde	D130020L05Rik	Dio3os	Dleu2
D	Dlx1as	Dlx6os1	Dreh	Emx2os	Fendrr	Firre	Ftx	G730013B05Rik	Gas5	Gm15850	Gm16938	Gm17750
E	Gm2694	Gm9866	Gt(ROSA)26Sor	H19	Has2os	Hotair	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 Probe PCR lncRNA Focus Panel

Position	Assay	Name	Symbol	Ensembl ID	Description
A01	UPFM0725310	ENSMUST00000139272.1	Gm12610	ENSMUSG00000086035	predicted gene 12610 Source MGI Symbol Acc MGI 3652143
A02	UPFM0764980	ENSMUST00000132389.2	Dancr	ENSMUSG00000106943	differentiation antagonizing non-protein coding RNA Source MGI Symbol Acc MGI 1917286
A03	UPFM0902434	ENSMUST00000189909.6	Zfas1	ENSMUSG00000074578	zinc finger, NFX1-type containing 1, antisense RNA 1 Source MGI Symbol Acc MGI 1916199
A04	UPFM0647635	ENSMUST00000152462.2	Haglr	ENSMUSG00000075277	Hoxd antisense growth associated long non-coding RNA Source MGI Symbol Acc MGI 3026978
A05	UPFM0944227	ENSMUST00000231725.1	Dnm3os	ENSMUSG00000078190	dynamin 3, opposite strand Source MGI Symbol Acc MGI 3052332
A06	UPFM0891342	ENSMUST00000209718.1	Gm20219	ENSMUSG00000110218	predicted gene, 20219 Source MGI Symbol Acc MGI 5012404
A07	UPFM0816064	ENSMUST00000232260.1	Snhg12	ENSMUSG00000086290	small nucleolar RNA host gene 12 Source MGI Symbol Acc MGI 1916721
A08	UPFM0882460	ENSMUST00000232907.1	Snhg20	ENSMUSG00000086859	small nucleolar RNA host gene 20 Source MGI Symbol Acc MGI 1924222
A09	UPFM0936007	ENSMUST00000114435.1	Hoxaas2	ENSMUSG00000056445	Hoxa cluster antisense RNA 2 Source MGI Symbol Acc MGI 1913890
A10	UPFM0840518	ENSMUST00000124818.1	Snhg15	ENSMUSG00000085156	small nucleolar RNA host gene 15 Source MGI Symbol Acc MGI 3650059
A11	UPFM0902774	ENSMUST00000123272.1	Foxd2os	ENSMUSG00000085399	forkhead box D2, opposite strand Source MGI Symbol Acc MGI 2444065
A12	UPFM0624168	ENSMUST00000082862.1	Terc	ENSMUSG00000064796	telomerase RNA component Source MGI Symbol Acc MGI 109558
B01	UPFM0742492	ENSMUST00000132559.1	Hotairm1	ENSMUSG00000087658	Hoxa transcript antisense RNA, myeloid-specific 1 Source MGI Symbol Acc MGI 3705155
B02	UPFM0728371	ENSMUST00000136022.7	Abhd11os	ENSMUSG00000085042	abhydrolase domain containing 11, opposite strand Source MGI Symbol Acc MGI 1917062
B03	UPFM0960165	ENSMUST00000185693.6	Snhg14	ENSMUSG00000100826	small nucleolar RNA host gene 14 Source MGI Symbol Acc MGI 1289201
B04	UPFM0627927	ENSMUST00000151374.1	Snhg3	ENSMUSG00000085241	small nucleolar RNA host gene 3 Source MGI Symbol Acc MGI 2684817
B05	UPFM0760403	ENSMUST00000134345.1	Mir22hg	ENSMUSG00000085148	Mir22 host gene (non-protein coding) Source MGI Symbol Acc MGI 1914348
B06	UPFM0923634	ENSMUST00000220034.1	Ifngas1	ENSMUSG00000112230	Ifng antisense RNA 1 Source MGI Symbol Acc MGI 1934663
B07	UPFM0858747	ENSMUST00000173811.7	1110038B12Rik	ENSMUSG00000092203	RIKEN cDNA 1110038B12 gene Source MGI Symbol Acc MGI 1916013
B08	UPFM0810152	ENSMUST00000180923.1	1700007L15Rik	ENSMUSG00000097318	RIKEN cDNA 1700007L15 gene Source MGI Symbol Acc MGI 1916581
B09	UPFM0823722	ENSMUST00000190269.1	1700008K24Rik	ENSMUSG00000101012	RIKEN cDNA 1700008K24 gene Source MGI Symbol Acc MGI 1916561
B10	UPFM0810497	ENSMUST00000147425.1	1700020I14Rik	ENSMUSG00000085438	RIKEN cDNA 1700020I14 gene Source MGI Symbol Acc MGI 1913852
B11	UPFM0654185	ENSMUST00000232060.1	1810053B23Rik	ENSMUSG00000100277	RIKEN cDNA 1810053B23 gene Source MGI Symbol Acc MGI 1917107
B12	UPFM0999895	ENSMUST00000124811.1	2210408F21Rik	ENSMUSG00000087380	RIKEN cDNA 2210408F21 gene Source MGI Symbol Acc MGI 1920902
C01	UPFM1126521	ENSMUST00000181612.2	2700046G09Rik	ENSMUSG00000097787	RIKEN cDNA 2700046G09 gene Source MGI Symbol Acc MGI 1914438
C02	UPFM0990304	ENSMUST00000181873.7	5430416N02Rik	ENSMUSG00000097772	RIKEN cDNA 5430416N02 gene Source MGI Symbol Acc MGI 1918676
C03	UPFM0990083	ENSMUST00000153748.1	6820431F20Rik	ENSMUSG00000071796	RIKEN cDNA 6820431F20 gene Source MGI Symbol Acc MGI 3694236
C04	UPFM0937348	ENSMUST00000181682.8	9530059O14Rik	ENSMUSG00000097736	RIKEN cDNA 9530059O14 gene Source MGI Symbol Acc MGI 2442421
C05	UPFM0964871	ENSMUST00000180639.2	A330009N23Rik	ENSMUSG00000097915	RIKEN cDNA A330009N23 gene Source MGI Symbol Acc MGI 2443491
C06	UPFM0685347	ENSMUST00000159731.1	Airn	ENSMUSG00000078247	antisense Igf2r RNA Source MGI Symbol Acc MGI 1353471
C07	UPFM0948010	ENSMUST00000183087.1	Bvht	ENSMUSG00000098098	braveheart long non-coding RNA Source MGI Symbol Acc MGI 5434104
C08	UPFM0663210	ENSMUST00000182701.1	C130071C03Rik	ENSMUSG00000050334	RIKEN cDNA C130071C03 gene Source MGI Symbol Acc MGI 2443574
C09	UPFM0798593	ENSMUST00000034183.9	Crnde	ENSMUSG00000031736	colorectal neoplasia differentially expressed (non-protein coding) Source MGI Symbol Acc MGI 1918546
C10	UPFM0633905	ENSMUST00000180800.1	D130020L05Rik	ENSMUSG00000097121	RIKEN cDNA D130020L05 gene Source MGI Symbol Acc MGI 2450270
	UPFM087676	ENSMUST00000		ENSMUSG00	deiodinase, iodothyronine type III, opposite strand Source MGI Symbol Acc MGI

Position	Assay	Name	Symbol	Ensembl ID	Description
C11	6	220793.1	Dio3os	000113581	2664395
C12	UPFM0817365	ENSMUST00000180377.8	Dleu2	ENSMUSG00000097589	deleted in lymphocytic leukemia, 2 Source MGI Symbol Acc MGI 1934030
D01	UPFM0676289	ENSMUST00000137251.2	Dlx1as	ENSMUSG00000084946	distal-less homeobox 1, antisense Source MGI Symbol Acc MGI 1195983
D02	UPFM0896976	ENSMUST00000159568.5	Dlx6os1	ENSMUSG00000090063	distal-less homeobox 6, opposite strand 1 Source MGI Symbol Acc MGI 2443217
D03	UPFM0860440	ENSMUST00000233348.1	Dreh	ENSMUSG00000117105	novel transcript
D04	UPFM0889482	ENSMUST00000136990.2	Emx2os	ENSMUSG00000087095	Emx2 opposite strand/antisense transcript (non-protein coding) Source MGI Symbol Acc MGI 3052329
D05	UPFM0721525	ENSMUST00000181530.7	Fendrr	ENSMUSG00000097336	Foxf1 adjacent non-coding developmental regulatory RNA Source MGI Symbol Acc MGI 1916040
D06	UPFM0667385	ENSMUST00000124842.7	Firre	ENSMUSG00000085396	functional intergenic repeating RNA element Source MGI Symbol Acc MGI 2147989
D07	UPFM0713455	ENSMUST00000238083.1	Ftx	ENSMUSG00000086370	Ftx transcript, Xist regulator (non-protein coding) Source MGI Symbol Acc MGI 1926128
D08	UPFM0758245	ENSMUST00000180509.8	G730013B05Rik	ENSMUSG00000097694	RIKEN cDNA G730013B05 gene Source MGI Symbol Acc MGI 3588276
D09	UPFM0717402	ENSMUST00000162289.7	Gas5	ENSMUSG00000053332	growth arrest specific 5 Source MGI Symbol Acc MGI 95659
D10	UPFM0664955	ENSMUST00000146091.9	Gm15850	ENSMUSG00000086264	predicted gene 15850 Source MGI Symbol Acc MGI 3801986
D11	UPFM0749596	ENSMUST00000180517.2	Gm16938	ENSMUSG00000097749	predicted gene, 16938 Source MGI Symbol Acc MGI 4439862
D12	UPFM0847964	ENSMUST00000182477.1	Gm17750	ENSMUSG00000098087	predicted gene, 17750 Source MGI Symbol Acc MGI 5009828
E01	UPFM0738155	ENSMUST00000182174.7	Gm2694	ENSMUSG00000097248	predicted gene 2694 Source MGI Symbol Acc MGI 3780864
E02	UPFM0972121	ENSMUST00000220998.1	Gm9866	ENSMUSG00000094002	predicted gene 9866 Source MGI Symbol Acc MGI 3643118
E03	UPFM0735515	ENSMUST00000133467.2	Gt(ROSA)26Sor	ENSMUSG00000086429	gene trap ROSA 26, Philippe Soriano Source MGI Symbol Acc MGI 104735
E04	UPFM0641582	ENSMUST00000228514.1	H19	ENSMUSG00000000031	H19, imprinted maternally expressed transcript Source MGI Symbol Acc MGI 95891
E05	UPFM0828106	ENSMUST00000165880.1	Has2os	ENSMUSG00000086541	hyaluronan synthase 2, opposite strand Source MGI Symbol Acc MGI 3643465
E06	UPFM0872258	ENSMUST00000151949.4	Hotair	ENSMUSG00000086903	HOX transcript antisense RNA (non-protein coding) Source MGI Symbol Acc MGI 3826586
E07	UPFM0715914	ENSMUST00000152875.1	Hottip	ENSMUSG00000055408	Hoxa distal transcript antisense RNA Source MGI Symbol Acc MGI 3642509
E08	UPFM0658657	ENSMUST00000137729.1	Hoxa11os	ENSMUSG00000086427	homeobox A11, opposite strand Source MGI Symbol Acc MGI 107208
E09	UPFM0935203	ENSMUST00000141681.1	Igf2os	ENSMUSG00000086266	insulin-like growth factor 2, opposite strand Source MGI Symbol Acc MGI 1195257
E10	UPFM0653266	ENSMUST00000182486.1	Jpx	ENSMUSG00000097571	Jpx transcript, Xist activator (non-protein coding) Source MGI Symbol Acc MGI 2180008
E11	UPFM0659790	ENSMUST00000185789.2	Kcnq1ot1	ENSMUSG00000101609	KCNQ1 overlapping transcript 1 Source MGI Symbol Acc MGI 1926855
E12	UPFM0775243	ENSMUST00000173314.1	Malat1	ENSMUSG00000092341	metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA) Source MGI Symbol Acc MGI 1919539
F01	UPFM0802903	ENSMUST00000126289.7	Meg3	ENSMUSG00000021268	maternally expressed 3 Source MGI Symbol Acc MGI 1202886
F02	UPFM0907632	ENSMUST00000182258.7	Miat	ENSMUSG00000097767	myocardial infarction associated transcript (non-protein coding) Source MGI Symbol Acc MGI 2444886
F03	UPFM0926993	ENSMUST00000181808.2	Mir124a-1hg	ENSMUSG00000097545	Mir124-1 host gene (non-protein coding) Source MGI Symbol Acc MGI 2442197
F04	UPFM0954014	ENSMUST00000183144.7	Mirg	ENSMUSG00000097391	miRNA containing gene Source MGI Symbol Acc MGI 3781106
F05	UPFM0661140	ENSMUST00000143065.7	Gm14005	ENSMUSG00000074813	predicted gene 14005 Source MGI Symbol Acc MGI 3652191
F06	UPFM0630743	ENSMUST00000211463.1	Mtag2	ENSMUSG00000091510	metastasis associated gene 2 Source MGI Symbol Acc MGI 1860766
F07	UPFM0797240	ENSMUST00000132167.7	Nctc1	ENSMUSG00000087090	non-coding transcript 1 Source MGI Symbol Acc MGI 1306816
F08	UPFM1010825	ENSMUST00000232969.1	Neat1	ENSMUSG00000092274	nuclear paraspeckle assembly transcript 1 (non-protein coding) Source MGI Symbol Acc MGI 1914211
F09	UPFM0756778	ENSMUST00000150276.1	Nespas	ENSMUSG00000086537	neuroendocrine secretory protein antisense Source MGI Symbol Acc MGI 1861674
F10	UPFM0682525	ENSMUST00000136998.2	Nkx2-2os	ENSMUSG00000086509	NK2 homeobox 2, opposite strand Source MGI Symbol Acc MGI 3652259

Position	Assay	Name	Symbol	Ensembl ID	Description
F11	UPFM0786895	ENSMUST00000140412.1	Nron	ENSMUSG00000086484	non-protein coding RNA, repressor of NFAT Source MGI Symbol Acc MGI 2444126
F12	UPFM0877199	ENSMUST00000227221.1	Otx2os1	ENSMUSG00000098682	orthodenticle homeobox 2 opposite strand 1 Source MGI Symbol Acc MGI 3583292
G01	UPFM0984910	ENSMUST00000190229.6	Pinc	ENSMUSG00000099877	pregnancy induced noncoding RNA Source MGI Symbol Acc MGI 3623820
G02	UPFM0644409	ENSMUST00000036304.3	Pldi	ENSMUSG00000037247	polymorphic derived intron containing Source MGI Symbol Acc MGI 1920866
G03	UPFM0959952	ENSMUST00000182956.7	Pvt1	ENSMUSG00000097039	Pvt1 oncogene Source MGI Symbol Acc MGI 97824
G04	UPFM0947707	ENSMUST00000179643.7	Rab10os	ENSMUSG00000079179	RAB10, member RAS oncogene family, opposite strand Source MGI Symbol Acc MGI 1921423
G05	UPFM0715369	ENSMUST00000182119.1	Rian	ENSMUSG00000097451	RNA imprinted and accumulated in nucleus Source MGI Symbol Acc MGI 1922995
G06	UPFM0751820	ENSMUST00000219444.1	Rmst	ENSMUSG00000112117	rhabdomyosarcoma 2 associated transcript (non-coding RNA) Source MGI Symbol Acc MGI 1099806
G07	UPFM0761999	ENSMUST00000160691.1	Six3os1	ENSMUSG00000093460	SIX homeobox 3, opposite strand 1 Source MGI Symbol Acc MGI 1925118
G08	UPFM0914858	ENSMUST00000206135.1	Snhg1	ENSMUSG00000108414	small nucleolar RNA host gene 1 Source MGI Symbol Acc MGI 3763743
G09	UPFM0784753	ENSMUST00000235679.1	Snhg4	ENSMUSG00000117869	small nucleolar RNA host gene 4 (non-protein coding)
G10	UPFM0919225	ENSMUST00000183045.1	Snhg5	ENSMUSG00000097195	small nucleolar RNA host gene 5 Source MGI Symbol Acc MGI 1919905
G11	UPFM0728165	ENSMUST00000182742.1	Snhg6	ENSMUSG00000098234	small nucleolar RNA host gene 6 Source MGI Symbol Acc MGI 1921074
G12	UPFM0698583	ENSMUST00000147986.1	Snhg7os	ENSMUSG00000086775	small nucleolar RNA host gene 7, opposite strand Source MGI Symbol Acc MGI 3045374
H01	UPFM1132946	ENSMUST00000163829.1	Actb	ENSMUSG00000029580	actin, beta Source MGI Symbol Acc MGI 87904
H02	UPFM1132947	ENSMUST00000102476.4	B2m	ENSMUSG00000060802	beta-2 microglobulin Source MGI Symbol Acc MGI 88127
H03	UPFM1132948	ENSMUST00000117757.8	Gapdh	ENSMUSG00000057666	glyceraldehyde-3-phosphate dehydrogenase Source MGI Symbol Acc MGI 95640
H04	UPFM1132949	ENSMUST00000026613.13	Gusb	ENSMUSG00000025534	glucuronidase, beta Source MGI Symbol Acc MGI 95872
H05	UPFM1132950	ENSMUST00000166469.7	Hsp90ab1	ENSMUSG00000023944	heat shock protein 90 alpha (cytosolic), class B member 1 Source MGI Symbol Acc MGI 96247
H06	UPFM1126609	UPL_MGDC	MGDC	UPL_MGDC	Mouse Genomic DNA Contamination
H07	UPFH1126606	UPL_QIC	QIC	UPL_QIC	QuantiNova Internal Control
H08	UPFH1126606	UPL_QIC	QIC	UPL_QIC	QuantiNova Internal Control
H09	UPFH1126606	UPL_QIC	QIC	UPL_QIC	QuantiNova Internal Control
H10	UPFH1126605	UPL_PPC	PPC	UPL_PPC	Positive PCR Control
H11	UPFH1126605	UPL_PPC	PPC	UPL_PPC	Positive PCR Control
H12	UPFH1126605	UPL_PPC	PPC	UPL_PPC	Positive PCR Control

Related products

Product	Contents	Cat. no.
QuantiNova LNA Probe PCR QC Panel	These panels are designed to assess the quality of RNA samples before characterization using QuantiNova LNA Probe PCR lncRNA Focus Panels; available in 96-well, 384-well, and Rotor-Disc 100 formats	249945
QuantiNova Reverse Transcription Kit (10)*	For 10 x 20 µl reactions: 20 µl 8x gDNA Removal Mix, 10 µl Reverse Transcription Enzyme, 40 µl Reverse Transcription Mix (containing RT primers), 20 µl Internal Control RNA, 1.9 ml RNase-Free Water	205410
QuantiNova Probe RT-PCR Kit (100)*	For 100 x 20 µl reactions: 1 ml QuantiNova Probe RT-PCR Master Mix, 20 µl QuantiNova Probe RT Mix, 20 µl Internal Control RNA, 500 µl Yellow Template Dilution Buffer, 250 µl ROX Reference Dye, 1.9 µl RNase-Free Water	208352
QuantiNova Probe PCR Kit (100)*	For 100 x 20 µl reactions: 1 ml 2x QuantiNova Probe PCR Master Mix, 500 µl QuantiNova Yellow Template Dilution Buffer, 250 µl QN ROX Reference Dye, 1.9 ml Water	208252

*Larger kit sizes available.

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

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services or your local distributor.