

miScript™ miRNA PCR Array (384-well, 384HC)

Mouse miFinder 384HC

For mature miRNA expression profiling using SYBR® Green-based real-time PCR

Cyclers for use with miScript miRNA PCR Array formats

Format	Suitable real-time cyclers	Plate	Cat. no.
E	Applied Biosystems® models 7900HT (384-well block), ViiA™ 7 (384-well block); Bio-Rad CFX384™	384 well	331223 MIMM-3001ZE
G	Roche® LightCycler® 480 (384-well block)	384 well	331223 MIMM-3001ZG

Contents

miScript miRNA PCR Arrays Formats E and G consist of 4 PCR array plates provided with 4 Optical Adhesive Films.

Description

The Mouse miFinder 384HC miScript miRNA PCR Array profiles the expression of the 372 most abundantly expressed and best characterized miRNAs in miRBase (www.miRBase.org). Each of these miRNAs can regulate one or more messenger RNA transcripts, and conversely a given mRNA can be regulated by one or more miRNAs. Therefore, although they are well-characterized, the complex role played by each miRNA is yet to be completely defined. This array maximizes the likelihood of discovering miRNAs whose expression patterns correlate with the biological phenotypes under study. A set of controls present on this array enables data analysis using the $\Delta\Delta CT$ method of relative quantification, assessment of reverse transcription performance, and assessment of PCR performance. Using SYBR Green-based real-time PCR, the expression of 372 highly researched miRNAs can be easily and reliably analyzed with this miScript miRNA PCR Array.

For further details, consult the *miScript miRNA PCR Array Handbook*.

QIAGEN reserves the right to occasionally redesign individual assays on the miScript Arrays for improved performance. This revision history can be accessed by contacting technical support and supplying the batch numbers from your arrays.



Sample & Assay Technologies

Shipping and storage

miScript miRNA PCR Arrays are shipped at ambient temperature, on ice, or on dry ice depending on the destination and accompanying products. Upon receipt, store at -20°C . If stored under these conditions, miScript miRNA PCR Arrays are stable for 6 months after receipt.

Note: Ensure that you have the correct miScript miRNA PCR Array format for your real-time cycler (see table above).

Note: Open the package and store the products at the indicated temperature immediately on receipt.

Array layout

miScript Primer Assays can be ordered for each mature miRNA at www.qiagen.com/GeneGlobe.

Position	Mature miRNA ID	miScript Primer Assay Catalog #
A01	mmu-let-7a-5p	MS00032179
A02	mmu-let-7b-5p	MS00001225
A03	mmu-let-7c-5p	MS00005852
A04	mmu-let-7d-5p	MS00001232
A05	mmu-let-7d-3p	MS00005859
A06	mmu-let-7e-5p	MS00032186
A07	mmu-let-7f-5p	MS00005866
A08	mmu-let-7g-5p	MS00010983
A09	mmu-let-7i-5p	MS00001253
A10	mmu-miR-100-5p	MS00032214
A11	mmu-miR-101a-3p	MS00011011
A12	mmu-miR-101a-5p	MS00011018
A13	mmu-miR-101b-3p	MS00011025
A14	mmu-miR-103-3p	MS00032228
A15	mmu-miR-106a-5p	MS00011039
A16	mmu-miR-106b-5p	MS00001512
A17	mmu-miR-107-3p	MS00032235
A18	mmu-miR-10a-5p	MS00032242
A19	mmu-miR-10b-5p	MS00032249
A20	mmu-miR-122-5p	MS00001526
A21	mmu-miR-124-3p	MS00029211
A22	mmu-miR-124-5p	MS00011081
A23	mmu-miR-125a-5p	MS00001533
A24	mmu-miR-125b-5p	MS00005992
B01	mmu-miR-126-3p	MS00005999
B02	mmu-miR-126-5p	MS00006006
B03	mmu-miR-128-3p	MS00011116
B04	mmu-miR-129-5p	MS00006020
B05	mmu-miR-130a-3p	MS00001547
B06	mmu-miR-130b-3p	MS00001554
B07	mmu-miR-132-3p	MS00001561
B08	mmu-miR-133a-3p	MS00032305
B09	mmu-miR-133a-5p	MS00006027
B10	mmu-miR-133b-3p	MS00032312
B11	mmu-miR-134-5p	MS00001568
B12	mmu-miR-135a-5p	MS00011130
B13	mmu-miR-135b-5p	MS00001575
B14	mmu-miR-137-3p	MS00001589
B15	mmu-miR-138-5p	MS00006041
B16	mmu-miR-139-5p	MS00001596
B17	mmu-miR-140-5p	MS00032319
B18	mmu-miR-141-3p	MS00001610
B19	mmu-miR-142-3p	MS00006055
B20	mmu-miR-142-5p	MS00006062
B21	mmu-miR-143-3p	MS00001617
B22	mmu-miR-143-5p	MS00024206
B23	mmu-miR-144-3p	MS00032326
B24	mmu-miR-145a-5p	MS00001631
C01	mmu-miR-145a-3p	MS00011172
C02	mmu-miR-146a-5p	MS00001638
C03	mmu-miR-146b-5p	MS00001645
C04	mmu-miR-146b-3p	MS00011179
C05	mmu-miR-147-3p	MS00032333
C06	mmu-miR-148a-3p	MS00001652
C07	mmu-miR-148b-3p	MS00001659
C08	mmu-miR-149-5p	MS00001666
C09	mmu-miR-150-5p	MS00001673
C10	mmu-miR-151-3p	MS00032340
C11	mmu-miR-151-5p	MS00011207
C12	mmu-miR-152-3p	MS00001687
C13	mmu-miR-153-3p	MS00011214
C14	mmu-miR-155-5p	MS00001701
C15	mmu-miR-155-3p	MS00024255
C16	mmu-miR-15a-5p	MS00001281

Position	Mature miRNA ID	miScript Primer Assay Catalog #
C17	mmu-miR-15b-5p	MS00011235
C18	mmu-miR-16-5p	MS00005894
C19	mmu-miR-17-5p	MS00011256
C20	mmu-miR-181a-5p	MS00011263
C21	mmu-miR-181b-5p	MS00032368
C22	mmu-miR-181c-5p	MS00032382
C23	mmu-miR-181d-5p	MS00011284
C24	mmu-miR-182-5p	MS00011291
D01	mmu-miR-182-3p	MS00024297
D02	mmu-miR-183-5p	MS00001722
D03	mmu-miR-183-3p	MS00011298
D04	mmu-miR-184-3p	MS00001729
D05	mmu-miR-185-5p	MS00001736
D06	mmu-miR-186-5p	MS00032396
D07	mmu-miR-187-3p	MS00001750
D08	mmu-miR-18a-5p	MS00032431
D09	mmu-miR-190a-5p	MS00032438
D10	mmu-miR-191-5p	MS00001771
D11	mmu-miR-192-5p	MS00011354
D12	mmu-miR-192-3p	MS00024360
D13	mmu-miR-193a-3p	MS00001785
D14	mmu-miR-193b-3p	MS00011368
D15	mmu-miR-194-5p	MS00006090
D16	mmu-miR-195a-5p	MS00001792
D17	mmu-miR-196a-5p	MS00032515
D18	mmu-miR-196b-5p	MS00032522
D19	mmu-miR-196b-3p	MS00024479
D20	mmu-miR-199a-3p	MS00007889
D21	mmu-miR-199a-5p	MS00032529
D22	mmu-miR-199b-5p	MS00032536
D23	mmu-miR-19a-3p	MS00001302
D24	mmu-miR-19b-3p	MS00005915
E01	mmu-miR-1a-3p	MS00011004
E02	mmu-miR-200a-3p	MS00001813
E03	mmu-miR-200b-3p	MS00011417
E04	mmu-miR-200c-3p	MS00001827
E05	mmu-miR-203-3p	MS00001848
E06	mmu-miR-204-5p	MS00032557
E07	mmu-miR-204-3p	MS00024514
E08	mmu-miR-205-5p	MS00001862
E09	mmu-miR-206-3p	MS00001869
E10	mmu-miR-206-5p	MS00024528
E11	mmu-miR-207	MS00001876
E12	mmu-miR-20a-5p	MS00001309
E13	mmu-miR-20b-5p	MS00001316
E14	mmu-miR-21a-5p	MS00011487
E15	mmu-miR-21a-3p	MS00011494
E16	mmu-miR-210-3p	MS00032564
E17	mmu-miR-211-5p	MS00001897
E18	mmu-miR-214-3p	MS00032571
E19	mmu-miR-215-5p	MS00001918
E20	mmu-miR-216a-5p	MS00032578
E21	mmu-miR-217-5p	MS00007966
E22	mmu-miR-217-3p	MS00024605
E23	mmu-miR-218-5p	MS00006118
E24	mmu-miR-22-3p	MS00001330
F01	mmu-miR-22-5p	MS00011522
F02	mmu-miR-221-3p	MS00032585
F03	mmu-miR-221-5p	MS00024626
F04	mmu-miR-222-3p	MS00007959
F05	mmu-miR-222-5p	MS00024633
F06	mmu-miR-223-3p	MS00032592
F07	mmu-miR-224-5p	MS00011536
F08	mmu-miR-23a-3p	MS00032599
F09	mmu-miR-23b-3p	MS00032606
F10	mmu-miR-23b-5p	MS00024661
F11	mmu-miR-24-3p	MS00005922
F12	mmu-miR-25-3p	MS00001337
F13	mmu-miR-26a-5p	MS00032613
F14	mmu-miR-26b-5p	MS00001344
F15	mmu-miR-27a-3p	MS00001351
F16	mmu-miR-27b-3p	MS00001358

Position	Mature miRNA ID	miScript Primer Assay Catalog #
F17	mmu-miR-27b-5p	MS00011571
F18	mmu-miR-28a-5p	MS00001365
F19	mmu-miR-292-3p	MS00006146
F20	mmu-miR-295-3p	MS00001995
F21	mmu-miR-298-5p	MS00002016
F22	mmu-miR-29a-3p	MS00001372
F23	mmu-miR-29b-3p	MS00005936
F24	mmu-miR-29c-3p	MS00001379
G01	mmu-miR-301a-3p	MS00011683
G02	mmu-miR-302a-5p	MS00011697
G03	mmu-miR-302d-3p	MS00002072
G04	mmu-miR-30a-5p	MS00011704
G05	mmu-miR-30b-5p	MS00001386
G06	mmu-miR-30b-3p	MS00011718
G07	mmu-miR-30c-5p	MS00011725
G08	mmu-miR-30d-5p	MS00011746
G09	mmu-miR-30e-5p	MS00011753
G10	mmu-miR-31-5p	MS00001407
G11	mmu-miR-31-3p	MS00011760
G12	mmu-miR-32-5p	MS00001414
G13	mmu-miR-320-3p	MS00011767
G14	mmu-miR-322-5p	MS00029218
G15	mmu-miR-324-5p	MS00006188
G16	mmu-miR-326-3p	MS00002107
G17	mmu-miR-328-3p	MS00032690
G18	mmu-miR-33-5p	MS00032697
G19	mmu-miR-330-5p	MS00011816
G20	mmu-miR-335-5p	MS00002142
G21	mmu-miR-338-3p	MS00002156
G22	mmu-miR-339-5p	MS00002163
G23	mmu-miR-342-3p	MS00002184
G24	mmu-miR-345-5p	MS00002198
H01	mmu-miR-346-5p	MS00032753
H02	mmu-miR-34a-5p	MS00001428
H03	mmu-miR-34c-5p	MS00001442
H04	mmu-miR-34c-3p	MS00011907
H05	mmu-miR-375-3p	MS00032774
H06	mmu-miR-376b-3p	MS00002261
H07	mmu-miR-376c-3p	MS00002268
H08	mmu-miR-378a-3p	MS00032781
H09	mmu-miR-378a-5p	MS00032788
H10	mmu-miR-381-3p	MS00032802
H11	mmu-miR-383-5p	MS00002310
H12	mmu-miR-409-3p	MS00011970
H13	mmu-miR-423-5p	MS00012005
H14	mmu-miR-425-5p	MS00012012
H15	mmu-miR-429-3p	MS00002366
H16	mmu-miR-431-5p	MS00002373
H17	mmu-miR-433-3p	MS00006272
H18	mmu-miR-451a	MS00002408
H19	mmu-miR-467e-5p	MS00012236
H20	mmu-miR-484	MS00002499
H21	mmu-miR-485-5p	MS00006342
H22	mmu-miR-493-3p	MS00012278
H23	mmu-miR-495-3p	MS00032921
H24	mmu-miR-497-5p	MS00002569
I01	mmu-miR-499-5p	MS00002576
I02	mmu-miR-503-5p	MS00002597
I03	mmu-miR-503-3p	MS00012292
I04	mmu-miR-541-5p	MS00012341
I05	mmu-miR-574-3p	MS00032963
I06	mmu-miR-598-3p	MS00012411
I07	mmu-miR-652-3p	MS00012425
I08	mmu-miR-744-5p	MS00003045
I09	mmu-miR-7a-5p	MS00005880
I10	mmu-miR-872-5p	MS00012719
I11	mmu-miR-880-3p	MS00033103
I12	mmu-miR-9-5p	MS00012873
I13	mmu-miR-92a-3p	MS00005971
I14	mmu-miR-93-5p	MS00001449
I15	mmu-miR-96-5p	MS00001456
I16	mmu-miR-98-5p	MS00001463

Position	Mature miRNA ID	miScript Primer Assay Catalog #
I17	mmu-miR-99a-5p	MS00033117
I18	mmu-miR-127-3p	MS00001540
I19	mmu-miR-296-3p	MS00011613
I20	mmu-miR-30c-1-3p	MS00011732
I21	mmu-miR-34b-3p	MS00011900
I22	mmu-miR-367-3p	MS00002233
I23	mmu-miR-677-3p	MS00026355
I24	mmu-miR-709	MS00033040
J01	mmu-miR-714	MS00022323
J02	mmu-miR-762	MS00016443
J03	mmu-miR-1b-5p	MS00023912
J04	mmu-miR-212-3p	MS00024570
J05	mmu-miR-219-1-3p	MS00024612
J06	mmu-miR-219-5p	MS00006125
J07	mmu-miR-290-3p	MS00011585
J08	mmu-miR-335-3p	MS00011837
J09	mmu-miR-338-5p	MS00032725
J10	mmu-miR-377-3p	MS00002275
J11	mmu-miR-486-5p	MS00029246
J12	mmu-miR-1187	MS00021861
J13	mmu-miR-1191	MS00014868
J14	mmu-miR-1192	MS00032263
J15	mmu-miR-1195	MS00032277
J16	mmu-miR-1196-5p	MS00032284
J17	mmu-miR-1224-5p	MS00011074
J18	mmu-miR-1249-3p	MS00024045
J19	mmu-miR-1298-5p	MS00024129
J20	mmu-miR-135a-1-3p	MS00011137
J21	mmu-miR-136-5p	MS00001582
J22	mmu-miR-154-5p	MS00032347
J23	mmu-miR-16-1-3p	MS00024262
J24	mmu-miR-188-3p	MS00011312
K01	mmu-miR-188-5p	MS00001757
K02	mmu-miR-1895	MS00032410
K03	mmu-miR-1900	MS00016667
K04	mmu-miR-1901	MS00032452
K05	mmu-miR-1902	MS00016653
K06	mmu-miR-1904	MS00016639
K07	mmu-miR-1931	MS00016870
K08	mmu-miR-1934-5p	MS00017199
K09	mmu-miR-1936	MS00017024
K10	mmu-miR-1940	MS00017031
K11	mmu-miR-1945	MS00017066
K12	mmu-miR-1953	MS00017122
K13	mmu-miR-1957a	MS00016961
K14	mmu-miR-1963	MS00016975
K15	mmu-miR-1965	MS00016828
K16	mmu-miR-1968-3p	MS00024458
K17	mmu-miR-1971	MS00017157
K18	mmu-miR-1983	MS00016884
K19	mmu-miR-19b-1-5p	MS00024493
K20	mmu-miR-1a-1-5p	MS00023891
K21	mmu-miR-1a-2-5p	MS00023898
K22	mmu-miR-202-3p	MS00011438
K23	mmu-miR-208a-3p	MS00024535
K24	mmu-miR-208a-5p	MS00024542
L01	mmu-miR-208b-3p	MS00011466
L02	mmu-miR-2137	MS00021917
L03	mmu-miR-2183	MS00017444
L04	mmu-miR-24-2-5p	MS00011550
L05	mmu-miR-291b-3p	MS00008029
L06	mmu-miR-293-5p	MS00011592
L07	mmu-miR-294-3p	MS00001988
L08	mmu-miR-302a-3p	MS00011690
L09	mmu-miR-302b-3p	MS00002058
L10	mmu-miR-3099-3p	MS00021959
L11	mmu-miR-30c-2-3p	MS00011739
L12	mmu-miR-331-3p	MS00002135
L13	mmu-miR-341-3p	MS00007931
L14	mmu-miR-343	MS00032739
L15	mmu-miR-344d-3-5p	MS00025641
L16	mmu-miR-350-3p	MS00007938

Position	Mature miRNA ID	miScript Primer Assay Catalog #
L17	mmu-miR-351-3p	MS00025711
L18	mmu-miR-361-5p	MS00002226
L19	mmu-miR-363-3p	MS00025725
L20	mmu-miR-363-5p	MS00025732
L21	mmu-miR-365-3p	MS00032760
L22	mmu-miR-374b-5p	MS00006223
L23	mmu-miR-376a-3p	MS00002254
L24	mmu-miR-379-5p	MS00011942
M01	mmu-miR-382-5p	MS00032809
M02	mmu-miR-410-3p	MS00032823
M03	mmu-miR-421-3p	MS00032830
M04	mmu-miR-423-3p	MS00002352
M05	mmu-miR-434-3p	MS00006286
M06	mmu-miR-434-5p	MS00007994
M07	mmu-miR-448-3p	MS00025851
M08	mmu-miR-448-5p	MS00025858
M09	mmu-miR-449a-5p	MS00002387
M10	mmu-miR-449b	MS00012026
M11	mmu-miR-449c-5p	MS00012033
M12	mmu-miR-450a-5p	MS00025886
M13	mmu-miR-452-3p	MS00025893
M14	mmu-miR-452-5p	MS00025900
M15	mmu-miR-455-3p	MS00008099
M16	mmu-miR-466d-3p	MS00012159
M17	mmu-miR-466h-5p	MS00012201
M18	mmu-miR-468-3p	MS00032907
M19	mmu-miR-470-5p	MS00012250
M20	mmu-miR-483-5p	MS00012264
M21	mmu-miR-483-3p	MS00008022
M22	mmu-miR-490-3p	MS00032914
M23	mmu-miR-490-5p	MS00026019
M24	mmu-miR-491-5p	MS00002541
N01	mmu-miR-496a-3p	MS00002562
N02	mmu-miR-500-3p	MS00008064
N03	mmu-miR-501-3p	MS00032928
N04	mmu-miR-501-5p	MS00032935
N05	mmu-miR-504-5p	MS00012299
N06	mmu-miR-505-3p	MS00002604
N07	mmu-miR-532-5p	MS00002611
N08	mmu-miR-539-3p	MS00026110
N09	mmu-miR-539-5p	MS00026117
N10	mmu-miR-540-3p	MS00002625
N11	mmu-miR-540-5p	MS00012334
N12	mmu-miR-542-5p	MS00006370
N13	mmu-miR-546	MS00002646
N14	mmu-miR-568	MS00032956
N15	mmu-miR-582-5p	MS00012390
N16	mmu-miR-592-3p	MS00026166
N17	mmu-miR-653-5p	MS00032977
N18	mmu-miR-664-3p	MS00017465
N19	mmu-miR-667-3p	MS00002702
N20	mmu-miR-669a-5p	MS00026222
N21	mmu-miR-669c-5p	MS00032984
N22	mmu-miR-670-5p	MS00012460
N23	mmu-miR-673-3p	MS00012481
N24	mmu-miR-674-5p	MS00012488
O01	mmu-miR-675-3p	MS00006391
O02	mmu-miR-675-5p	MS00006398
O03	mmu-miR-676-3p	MS00002765
O04	mmu-miR-679-5p	MS00026369
O05	mmu-miR-681	MS00002793
O06	mmu-miR-682	MS00033019
O07	mmu-miR-691	MS00012537
O08	mmu-miR-694	MS00033033
O09	mmu-miR-695	MS00012551
O10	mmu-miR-696	MS00002870
O11	mmu-miR-697	MS00012558
O12	mmu-miR-698-3p	MS00002884
O13	mmu-miR-701-5p	MS00012565
O14	mmu-miR-704	MS00002926
O15	mmu-miR-708-5p	MS00012593
O16	mmu-miR-710	MS00002968

Position	Mature miRNA ID	miScript Primer Assay Catalog #
O17	mmu-miR-711	MS00002975
O18	mmu-miR-712-5p	MS00002982
O19	mmu-miR-713	MS00002989
O20	mmu-miR-717	MS00003010
O21	mmu-miR-719	MS00003024
O22	mmu-miR-720	MS00012614
O23	mmu-miR-721	MS00012621
O24	mmu-miR-758-3p	MS00012677
P01	mmu-miR-761	MS00012684
P02	mmu-miR-763	MS00003087
P03	mmu-miR-764-3p	MS00006461
P04	mmu-miR-764-5p	MS00006468
P05	mmu-miR-802-5p	MS00003101
P06	mmu-miR-804	MS00012705
P07	mmu-miR-871-3p	MS00026446
P08	mmu-miR-871-5p	MS00026453
P09	mmu-miR-875-3p	MS00012747
P10	mmu-miR-877-5p	MS00033082
P11	mmu-miR-879-5p	MS00033096
P12	mmu-miR-883b-5p	MS00012866
P13	cel-miR-39-3p	MS00019789
P14	cel-miR-39-3p	MS00019789
P15	SNORD61	MS00033705
P16	SNORD68	MS00033712
P17	SNORD72	MS00033719
P18	SNORD95	MS00033726
P19	SNORD96A	MS00033733
P20	RNU6-2	MS00033740
P21	miRTC	MS00000001
P22	miRTC	MS00000001
P23	PPC	MS00000002
P24	PPC	MS00000002

Related products

Product	Contents	Cat. no.
miScript II RT Kit (12)	For 12 cDNA synthesis reactions: miScript Reverse Transcriptase Mix, 10x miScript Nucleics Mix, 5x miScript HiSpec Buffer, 5x miScript HiFlex Buffer, RNase-Free Water	218160
miScript II RT Kit (50)	For 50 cDNA synthesis reactions: miScript Reverse Transcriptase Mix, 10x miScript Nucleics Mix, 5x miScript HiSpec Buffer, 5x miScript HiFlex Buffer, RNase-Free Water	218161
miScript SYBR Green PCR Kit (200)	For 200 reactions: QuantiTect SYBR Green PCR Master Mix, miScript Universal Primer	218073
miScript SYBR Green PCR Kit (1000)	For 1000 reactions: QuantiTect SYBR Green PCR Master Mix, miScript Universal Primer	218075
miRNome miScript miRNA PCR Array	Array of assays for the human, mouse, rat, or dog miRNome; available in 96-well, 384-well, or Rotor-Disc 100 format	Varies
miScript miRNA QC PCR Array	Array for assessing cDNA sample quality	Varies
miScript Primer Assay (100)	10x miScript Primer Assay (contains one miRNA-specific primer)	Varies
RT ² PCR Array Loading Reservoirs	12 x 5 ml capacity, irradiation-sterilized loading reservoirs	338162
384EZLoad Covers	Pack of 4 color-coded covers for loading 384-well plates	338125

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