

## Major Resources Table

In order to allow validation and replication of experiments, all essential research materials listed in the Methods should be included in the Major Resources Table below. Authors are encouraged to use public repositories for protocols, data, code, and other materials and provide persistent identifiers and/or links to repositories when available. Authors may add or delete rows as needed.

### Animals (in vivo studies)

Species	Vendor or Source	Background Strain	Sex	Persistent ID / URL
Mouse	TACONIC Bioscience, Inc.	C57BL/6Ntac	Male	
Mouse	Bred from genetically modified mouse lines described below	CARMN <sup>-/-</sup>	Male	

### Genetically Modified Animals

	Species	Vendor or Source	Background Strain	Other Information	Persistent ID / URL
Parent - Male	Mouse	TACONIC Bioscience, Inc.	CARMN <sup>+/-</sup>		
Parent - Female	Mouse	TACONIC Bioscience, Inc.	CARMN <sup>+/-</sup>		

### Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Lot # (preferred but not required)	Persistent ID / URL
PerCP anti-mouse CD45 Antibody, clone 30-F11	Biolegend	103129	1:100 (FACs)		<a href="https://www.biolegend.com/en-us/products/percp-anti-mouse-cd45-antibody-4265">https://www.biolegend.com/en-us/products/percp-anti-mouse-cd45-antibody-4265</a>
V500 Rat anti-Mouse CD45R/B220 Clone RA3-6B2	BD Horizon	561227	1:50 (FACs)		<a href="https://wwwbdbiosciences.com/eu/applications/research/stem-cell-research/hematopoietic-stem-cell-markers/mouse/negative-markers/v500-rat-anti-mouse-cd45rb220-ra3-6b2/p/561227">https://wwwbdbiosciences.com/eu/applications/research/stem-cell-research/hematopoietic-stem-cell-markers/mouse/negative-markers/v500-rat-anti-mouse-cd45rb220-ra3-6b2/p/561227</a>
CD3 Monoclonal Antibody (17A2), eFluor 450	eBioscience	48-0032-80	1:100 (FACs)		<a href="https://www.thermofisher.com/antibody/product/CD3-Antibody-clone-17A2-Monoclonal/48-0032-80">https://www.thermofisher.com/antibody/product/CD3-Antibody-clone-17A2-Monoclonal/48-0032-80</a>
APC-H7 Rat anti-Mouse CD4 Clone GK1.5	BD Bioscience	560246	1:100 (FACs)		<a href="https://wwwbdbiosciences.com/us/applications/research/t-cell-immunology/th-1-cells/surface-markers/mouse/apc-h7-rat-anti-mouse-cd4-gk15/p/560246">https://wwwbdbiosciences.com/us/applications/research/t-cell-immunology/th-1-cells/surface-markers/mouse/apc-h7-rat-anti-mouse-cd4-gk15/p/560246</a>
APC anti-mouse CD8a Antibody, Clone 53-6.7	eBioScience	100711	1:50 (FACs)		<a href="https://www.biolegend.com/en-us/products/apc-anti-mouse-cd8a-antibody-150">https://www.biolegend.com/en-us/products/apc-anti-mouse-cd8a-antibody-150</a>
PE Mouse Anti-Mouse NK-1.1, Clone PK136	BD Pharmingen	561046	1:100 (FACs)		<a href="https://wwwbdbiosciences.com/in/reagents/research/antibodies-buffers/immunology-reagents/anti-mouse-antibodies/cell-surface-antigens/pe-mouse-anti-mouse-nk-11-pk136/p/561046">https://wwwbdbiosciences.com/in/reagents/research/antibodies-buffers/immunology-reagents/anti-mouse-antibodies/cell-surface-antigens/pe-mouse-anti-mouse-nk-11-pk136/p/561046</a>
Ly-6C APC	Miltenyi	130-102-	1:10 (FACs)		<a href="https://www.miltenyibiotec.com/US-">https://www.miltenyibiotec.com/US-</a>

DOI [to be added]

Antibody, anti-mouse, Clone 1G7.G10	Biotec	899			<a href="https://www.bdbiosciences.com/en/products/ly-6c-antibody-anti-mouse-1g7-g10.html#gref">en/products/ly-6c-antibody-anti-mouse-1g7-g10.html#gref</a>
PE-Cy™7 Rat Anti-CD11b Clone, M1/70	BD Pharmingen	561098	1:300 (FACs)		<a href="https://www.bdbiosciences.com/us/applications/research/stem-cell-research/mesenchymal-stem-cell-markers-bone-marrow/mouse/negative-markers/pe-cy7-rat-anti-cd11b-m170/p/561098">https://www.bdbiosciences.com/us/applications/research/stem-cell-research/mesenchymal-stem-cell-markers-bone-marrow/mouse/negative-markers/pe-cy7-rat-anti-cd11b-m170/p/561098</a>
PE Rat Anti-Mouse Siglec-F Clone. E50-2440	BD Pharmingen	562068	1:100 (FACs)		<a href="https://www.bdbiosciences.com/eu/applications/research/b-cell-research/surface-markers/mouse/pe-rat-anti-mouse-siglec-f-e50-2440/p/562068">https://www.bdbiosciences.com/eu/applications/research/b-cell-research/surface-markers/mouse/pe-rat-anti-mouse-siglec-f-e50-2440/p/562068</a>
CD16/CD32 Monoclonal Antibody (93)	eBioScience	14-0161-82	1:100 (FACs)		<a href="https://www.thermofisher.com/antibody/product/CD16-CD32-Antibody-clone-93-Monoclonal/14-0161-82">https://www.thermofisher.com/antibody/product/CD16-CD32-Antibody-clone-93-Monoclonal/14-0161-82</a>
APC-H7 Rat Anti-Mouse Ly-6G, Clone 1A8	BD BioScience	565369	1:100 (FACs)		<a href="https://www.bdbiosciences.com/us/reagents/research/antibodies-buffers/immunology-reagents/anti-mouse-antibodies/cell-surface-antigens/apc-h7-rat-anti-mouse-ly-6g-1a8/p/565369">https://www.bdbiosciences.com/us/reagents/research/antibodies-buffers/immunology-reagents/anti-mouse-antibodies/cell-surface-antigens/apc-h7-rat-anti-mouse-ly-6g-1a8/p/565369</a>
F4/80 Monoclonal Antibody (BM8), FITC,	eBioScience	11-4801-81	1:50 (FACs)		<a href="https://www.thermofisher.com/antibody/product/F4-80-Antibody-clone-BM8-Monoclonal/11-4801-81">https://www.thermofisher.com/antibody/product/F4-80-Antibody-clone-BM8-Monoclonal/11-4801-81</a>
CD45R (B220) Monoclonal Antibody (RA3-6B2), PerCP-Cyanine5.5,	eBioscience	45-0452-80	1:100 (FACs)		<a href="https://www.thermofisher.com/antibody/product/CD45R-B220-Antibody-clone-RA3-6B2-Monoclonal/45-0452-82">https://www.thermofisher.com/antibody/product/CD45R-B220-Antibody-clone-RA3-6B2-Monoclonal/45-0452-82</a>
CD3e Monoclonal Antibody (145-2C11), PerCP-Cyanine5.5	eBioscience	45-0031-80	1:50 (FACs)		<a href="https://www.thermofisher.com/antibody/product/CD3e-Antibody-clone-145-2C11-Monoclonal/45-0031-82">https://www.thermofisher.com/antibody/product/CD3e-Antibody-clone-145-2C11-Monoclonal/45-0031-82</a>
PerCP-Cy™5.5 Rat Anti-CD11b Clone M1/70	BD Pharmingen	561114	1:500 (FACs)		<a href="https://www.bdbiosciences.com/eu/applications/research/stem-cell-research/mesenchymal-stem-cell-markers-bone-marrow/mouse/negative-markers/percp-cy55-rat-anti-cd11b-m170/p/561114">https://www.bdbiosciences.com/eu/applications/research/stem-cell-research/mesenchymal-stem-cell-markers-bone-marrow/mouse/negative-markers/percp-cy55-rat-anti-cd11b-m170/p/561114</a>
PerCP-Cy™5.5 Rat Anti-Mouse Ly-6G Clone 1A8	BD Pharmingen	560602	1:100 (FACs)		<a href="https://www.bdbiosciences.com/us/reagents/research/antibodies-buffers/immunology-reagents/anti-mouse-antibodies/cell-surface-antigens/percp-cy55-rat-anti-mouse-ly-6g-1a8/p/560602">https://www.bdbiosciences.com/us/reagents/research/antibodies-buffers/immunology-reagents/anti-mouse-antibodies/cell-surface-antigens/percp-cy55-rat-anti-mouse-ly-6g-1a8/p/560602</a>
NK1.1 Monoclonal Antibody (PK136), PerCP-Cyanine5.5	eBioscience	45-5941-80	1:200 (FACs)		<a href="https://www.thermofisher.com/order/genome-database/generatePdf?productName=NK1.1&amp;assayType=ANTIBODY&amp;productId=45-5941-80&amp;detailed=true">https://www.thermofisher.com/order/genome-database/generatePdf?productName=NK1.1&amp;assayType=ANTIBODY&amp;productId=45-5941-80&amp;detailed=true</a>
TER-119 Monoclonal Antibody (TER-119), PerCP-Cyanine5.5	eBioscience	45-5921-80	1:400 (FACs)		<a href="https://www.thermofisher.com/antibody/product/TER-119-Antibody-clone-TER-119-Monoclonal/45-5921-82">https://www.thermofisher.com/antibody/product/TER-119-Antibody-clone-TER-119-Monoclonal/45-5921-82</a>

CD117 (c-Kit) Monoclonal Antibody (2B8), APC-eFluor 780	eBioscience	47-1171-80	1:200 (FACs)		<a href="https://www.thermofisher.com/antibody/product/CD117-c-Kit-Antibody-clone-2B8-Monoclonal/47-1171-82">https://www.thermofisher.com/antibody/product/CD117-c-Kit-Antibody-clone-2B8-Monoclonal/47-1171-82</a>
Ly-6A/E (Sca-1) Monoclonal Antibody (D7), APC	eBioscience	17-5981-81	1:500 (FACs)		<a href="https://www.thermofisher.com/antibody/product/Ly-6A-E-Sca-1-Antibody-clone-D7-Monoclonal/17-5981-82">https://www.thermofisher.com/antibody/product/Ly-6A-E-Sca-1-Antibody-clone-D7-Monoclonal/17-5981-82</a>
CD16/CD32 Monoclonal Antibody (93), PE-Cyanine7	eBioscience	25-0161-81	1:1000 (FACs)		<a href="https://www.thermofisher.com/antibody/product/CD16-CD32-Antibody-clone-93-Monoclonal/25-0161-82">https://www.thermofisher.com/antibody/product/CD16-CD32-Antibody-clone-93-Monoclonal/25-0161-82</a>
CD34 Monoclonal Antibody (RAM34), eFluor 450	eBioscience	48-0341-80	1:50 (FACs)		<a href="https://www.thermofisher.com/antibody/product/CD34-Antibody-clone-RAM34-Monoclonal/48-0341-82">https://www.thermofisher.com/antibody/product/CD34-Antibody-clone-RAM34-Monoclonal/48-0341-82</a>
Monoclonal Anti-Actin, $\alpha$ -Smooth Muscle - FITC antibody produced in mouse	Sigma Aldrich	F3777	1:300 (IHC)		<a href="https://www.sigmaaldrich.com/catalog/product/sigma/f3777?lang=en&amp;region=GB">https://www.sigmaaldrich.com/catalog/product/sigma/f3777?lang=en&amp;region=GB</a>
Anti-Mouse/Human Mac-2 (Galectin-3), Purified (Clone M3/38)	Cedarlane	CL8942AP	1:4000 (IHC)		<a href="https://www.cedarlanelabs.com/products/detail?code=CL8942AP">https://www.cedarlanelabs.com/products/detail?code=CL8942AP</a>
Anti-smooth muscle Myosin heavy chain 11 antibody	Abcam	Ab53219	1:100 (IHC)		<a href="https://www.abcam.com/smooth-muscle-myosin-heavy-chain-11-antibody-ab53219.html">https://www.abcam.com/smooth-muscle-myosin-heavy-chain-11-antibody-ab53219.html</a>
Anti-Digoxigenin-AP, Fab fragments	Roche	11093274910	1:500 (in situ)		<a href="https://www.sigmaaldrich.com/catalog/product/roche/11093274910?lang=en&amp;region=GB">https://www.sigmaaldrich.com/catalog/product/roche/11093274910?lang=en&amp;region=GB</a>
Monoclonal mouse anti-human Actin (Smooth Muscle) (Concentrate) Clone 1A4	Agilent Dako	M085129	1:2500 (in situ)		<a href="https://www.agilent.com/en/product/immunohistochemistry/antibodies-controls/primary-antibodies/actin-(smooth-muscle)-(concentrate)-76542">https://www.agilent.com/en/product/immunohistochemistry/antibodies-controls/primary-antibodies/actin-(smooth-muscle)-(concentrate)-76542</a>
Monoclonal mouse anti-human CD68 (Concentrate) Clone KP1	Agilent Dako	M081401	1:250 (in situ)		<a href="https://www.agilent.com/en/product/immunohistochemistry/antibodies-controls/primary-antibodies/cd68-(concentrate)-76535">https://www.agilent.com/en/product/immunohistochemistry/antibodies-controls/primary-antibodies/cd68-(concentrate)-76535</a>

Monoclonal mouse anti-human CD45, Leucocyte Common Antigen (Dako Omnis) Clone 2B11 + PD7/26	Agilent Dako	GA75161	1:400 (in situ)		<a href="https://www.agilent.com/en/product/immunohistochemistry/antibodies-controls/primary-antibodies/cd45-leucocyte-common-antigen-(dako-omnis)-76270">https://www.agilent.com/en/product/immunohistochemistry/antibodies-controls/primary-antibodies/cd45-leucocyte-common-antigen-(dako-omnis)-76270</a>

### Cultured Cells

Name	Vendor or Source	Sex (F, M, or unknown)	Persistent ID / URL
Coronary Artery Smooth Muscle Cells (human)	Lonza	Male	CC-2583

### Data & Code Availability

Description	Source / Repository	Persistent ID / URL
The loss of CARMN regulates vascular smooth muscle cell phenotype and accelerates the development of atherosclerosis in mice	GEO database	GSE158972 / <a href="https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE158972">https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE158972</a>

### Other

Description	Source / Repository	Persistent ID / URL
Smooth Muscle Cells Growth Medium 2 and Supplement	Promo Cell	<a href="https://www.promocell.com/product/smooth-muscle-cell-growth-medium-2/">https://www.promocell.com/product/smooth-muscle-cell-growth-medium-2/</a>
Penicillin-Streptomycin (P/S)	Gibco	<a href="https://www.fishersci.co.uk/shop/products/gibco-penicillin-streptomycin-10-000-u-ml-3/11548876">https://www.fishersci.co.uk/shop/products/gibco-penicillin-streptomycin-10-000-u-ml-3/11548876</a>
PDGF-BB	R&D Systems	<a href="https://www.rndsystems.com/products/recombinant-human-pdgf-bb-protein-cf_220-bb">https://www.rndsystems.com/products/recombinant-human-pdgf-bb-protein-cf_220-bb</a>
Lipofectamine RNAiMAX Transfection Reagent	Life Technologies	<a href="https://www.thermofisher.com/uk/en/home/brands/product-brand/lipofectamine/lipofectamine-rnaimx.html">https://www.thermofisher.com/uk/en/home/brands/product-brand/lipofectamine/lipofectamine-rnaimx.html</a>
Opti-MEM Reduced Serum Media	Gibco	<a href="https://www.thermofisher.com/uk/en/home/life-science/cell-culture/mammalian-cell-culture/classical-media/opti-mem.html">https://www.thermofisher.com/uk/en/home/life-science/cell-culture/mammalian-cell-culture/classical-media/opti-mem.html</a>
Liberase TM	Sigma Aldrich	<a href="https://www.sigmaaldrich.com/catalog/product/roche/libtmro?lang=en&amp;region=GB&amp;gclid=EAlaIQObChMI64Lz1sO-7QIVDxoGAB24Zg27EAAAYASAAEgK_RPD_BwE">https://www.sigmaaldrich.com/catalog/product/roche/libtmro?lang=en&amp;region=GB&amp;gclid=EAlaIQObChMI64Lz1sO-7QIVDxoGAB24Zg27EAAAYASAAEgK_RPD_BwE</a>
ACK Lysing Buffer (not in your methods but presume you have used this?)	ThermoFisher	<a href="https://www.thermofisher.com/order/catalog/product/A1049201#/A1049201">https://www.thermofisher.com/order/catalog/product/A1049201#/A1049201</a>
QIAzol Lysis Reagent	Qiagen	<a href="https://www.qiagen.com/gb/products/discovery-and-translational-research/lab-essentials/buffers-reagents/qiazol-lysis-reagent/?clear=true#orderinginformation">https://www.qiagen.com/gb/products/discovery-and-translational-research/lab-essentials/buffers-reagents/qiazol-lysis-reagent/?clear=true#orderinginformation</a>
Water soluble cholesterol-methyl- $\beta$ -cyclodextrin (CMBCD)	Sigma Aldrich	<a href="https://www.sigmaaldrich.com/catalog/product/sigma/c4951?lang=en&amp;region=GB">https://www.sigmaaldrich.com/catalog/product/sigma/c4951?lang=en&amp;region=GB</a>

DOI [to be added]

Oil Red O (ORO) Stain Kit	Abcam	<a href="https://www.abcam.com/oil-red-o-stain-kit-lipid-stain-ab150678.html">https://www.abcam.com/oil-red-o-stain-kit-lipid-stain-ab150678.html</a>
CellTiter 96 <sup>®</sup> AQueous One Solution Cell Proliferation Assay (MTS)	Promega	<a href="https://www.promega.co.uk/products/cell-health-assays/cell-viability-and-cytotoxicity-assays/celltiter-96-aqueous-one-solution-cell-proliferation-assay- mts /?catNum=G3582">https://www.promega.co.uk/products/cell-health-assays/cell-viability-and-cytotoxicity-assays/celltiter-96-aqueous-one-solution-cell-proliferation-assay- mts /?catNum=G3582</a>
Low Density Lipoprotein from Human Plasma, oxidized, Dil conjugate (Dil-OxLDL)	Invitrogen	<a href="https://www.thermofisher.com/order/catalog/product/L34358?uk&amp;en#/L34358?uk&amp;en">https://www.thermofisher.com/order/catalog/product/L34358?uk&amp;en#/L34358?uk&amp;en</a>
miRNEasy Mini Kit	Qiagen	<a href="https://www.qiagen.com/gb/products/discovery-and-translational-research/dna-rna-purification/rna-purification/mirna/mirneasy-mini-kit/?clear=true#orderinginformation">https://www.qiagen.com/gb/products/discovery-and-translational-research/dna-rna-purification/rna-purification/mirna/mirneasy-mini-kit/?clear=true#orderinginformation</a>
MultiScribe <sup>™</sup> Reverse Transcriptase kit	Life Technologies	<a href="https://www.thermofisher.com/order/catalog/product/4311235?SID=srch-srp-4311235#/4311235?SID=srch-srp-4311235">https://www.thermofisher.com/order/catalog/product/4311235?SID=srch-srp-4311235#/4311235?SID=srch-srp-4311235</a>
MTT Assay Kit	Abcam	<a href="https://www.abcam.com/mtt-assay-kit-cell-proliferation-ab211091.html">https://www.abcam.com/mtt-assay-kit-cell-proliferation-ab211091.html</a>
Power SYBR Green PCR Master Mix	Life technologies	<a href="https://www.thermofisher.com/uk/en/home/life-science/pcr/real-time-pcr/real-time-pcr-reagents/sybr-green-real-time-master-mixes/power-sybr-green-master-mix.html">https://www.thermofisher.com/uk/en/home/life-science/pcr/real-time-pcr/real-time-pcr-reagents/sybr-green-real-time-master-mixes/power-sybr-green-master-mix.html</a>
TaqMan <sup>™</sup> Universal PCR Master Mix	Thermo Fisher	<a href="https://www.thermofisher.com/order/catalog/product/4305719#/4305719">https://www.thermofisher.com/order/catalog/product/4305719#/4305719</a>
Click-iT <sup>®</sup> EdU Flow Cytometry Cell Proliferation Assay	Invitrogen	<a href="https://www.thermofisher.com/order/catalog/product/C10420?uk&amp;en#/C10420?uk&amp;en">https://www.thermofisher.com/order/catalog/product/C10420?uk&amp;en#/C10420?uk&amp;en</a>
PARIS <sup>™</sup> Kit	ThermoFisher	<a href="https://www.thermofisher.com/order/catalog/product/AM1921?uk&amp;en#/AM1921?uk&amp;en">https://www.thermofisher.com/order/catalog/product/AM1921?uk&amp;en#/AM1921?uk&amp;en</a>
ProLong <sup>®</sup> Gold Antifade Mountant	ThermoFisher	<a href="https://www.thermofisher.com/order/catalog/product/P10144#/P10144">https://www.thermofisher.com/order/catalog/product/P10144#/P10144</a>
Bioanalyzer Agilent RNA 6000 Nano kit	Agilent	<a href="https://www.agilent.com/en/product/automated-electrophoresis/bioanalyzer-systems/bioanalyzer-rna-kits-reagents/bioanalyzer-rna-analysis-228256">https://www.agilent.com/en/product/automated-electrophoresis/bioanalyzer-systems/bioanalyzer-rna-kits-reagents/bioanalyzer-rna-analysis-228256</a>
ViewRNA <sup>™</sup> Cell FISH	ThermoFisher	<a href="https://www.thermofisher.com/uk/en/home/life-science/cell-analysis/cellular-imaging/in-situ-hybridization-ish/rna-fish/viewrna-cell-assays.html#:~:text=ViewRNA%20ISH%20Cell%20and%20Cell,with%20protein%20in%20individual%20cells.">https://www.thermofisher.com/uk/en/home/life-science/cell-analysis/cellular-imaging/in-situ-hybridization-ish/rna-fish/viewrna-cell-assays.html#:~:text=ViewRNA%20ISH%20Cell%20and%20Cell,with%20protein%20in%20individual%20cells.</a>
miRCURY LNA miRNA ISH Buffer Set (FFPE)	Qiagen, 339450	<a href="https://www.qiagen.com/gb/products/discovery-and-translational-research/detection/ish-and-northern-blotting/mirna-detection/mircury-lna-mirna-ish-optimization-kits/#orderinginformation">https://www.qiagen.com/gb/products/discovery-and-translational-research/detection/ish-and-northern-blotting/mirna-detection/mircury-lna-mirna-ish-optimization-kits/#orderinginformation</a>
Proteinase K	New England Biolabs	<a href="https://international.neb.com/products/p8107-proteinase-k-molecular-biology-grade?cnum=P8107S#Product%20Information">https://international.neb.com/products/p8107-proteinase-k-molecular-biology-grade?cnum=P8107S#Product%20Information</a>
Roche Digoxigenin buffer	Roche, 11585762001	<a href="https://www.sigmaaldrich.com/catalog/product/ROCHE/11585762001?lang=en&amp;region=GB">https://www.sigmaaldrich.com/catalog/product/ROCHE/11585762001?lang=en&amp;region=GB</a>
anti-Digoxigenin-AP	Roche, 1109327491	<a href="https://www.sigmaaldrich.com/catalog/product/roche/11093274910?lang=en&amp;region=GB">https://www.sigmaaldrich.com/catalog/product/roche/11093274910?lang=en&amp;region=GB</a>
NBT/BCIP AP tablets	Roche, 11697471001	<a href="https://www.sigmaaldrich.com/catalog/product/roche/11697471001?lang=en&amp;region=GB">https://www.sigmaaldrich.com/catalog/product/roche/11697471001?lang=en&amp;region=GB</a>
UltraPure 0.5M EDTA	Invitrogen	<a href="https://www.thermofisher.com/order/catalog/product/15575020?SID=srch-hj-15575020#/15575020?SID=srch-hj-15575020">https://www.thermofisher.com/order/catalog/product/15575020?SID=srch-hj-15575020#/15575020?SID=srch-hj-15575020</a>
TURBO DNase	Invitrogen	<a href="https://www.thermofisher.com/order/catalog/product/AM2239?SID=srch-hj-AM2239#/AM2239?SID=srch-hj-AM2239">https://www.thermofisher.com/order/catalog/product/AM2239?SID=srch-hj-AM2239#/AM2239?SID=srch-hj-AM2239</a>
RNAse inhibitor	New England Biolabs	<a href="https://international.neb.com/products/m0314-rnase-inhibitor-murine?cnum=M0314L#Product%20Information">https://international.neb.com/products/m0314-rnase-inhibitor-murine?cnum=M0314L#Product%20Information</a>
RQ1 RNase-free DNase	Promega	<a href="https://www.promega.co.uk/products/cloning-and-dna-markers/molecular-biology-enzymes-and-reagents/rq1-rnase-free-dnase/?catNum=M6101">https://www.promega.co.uk/products/cloning-and-dna-markers/molecular-biology-enzymes-and-reagents/rq1-rnase-free-dnase/?catNum=M6101</a>
Antisense LNA GapmeR (sequences in Online Data Supplement)	Qiagen	<a href="https://www.qiagen.com/us/products/discovery-and-translational-research/functional-and-cell-analysis/rna-silencing/antisense-lna-gapmers/antisense-lna-gapmers/#orderinginformation">https://www.qiagen.com/us/products/discovery-and-translational-research/functional-and-cell-analysis/rna-silencing/antisense-lna-gapmers/antisense-lna-gapmers/#orderinginformation</a>
miRCURY LNA miRNA Inhibitors (ID in Online Data Supplement)	Qiagen	<a href="https://www.qiagen.com/us/products/discovery-and-translational-research/functional-and-cell-analysis/mirna-functional-analysis/mircury-lna-mirna-inhibitors/mircury-lna-mirna-inhibitors/?clear=true#orderinginformation">https://www.qiagen.com/us/products/discovery-and-translational-research/functional-and-cell-analysis/mirna-functional-analysis/mircury-lna-mirna-inhibitors/mircury-lna-mirna-inhibitors/?clear=true#orderinginformation</a>
miRNA mimics	MiRagen	<a href="https://www.eurofinsgenomics.eu/en/ecom/oligonucleotides/custom-dna-oligos/custom-dna-oligos/">https://www.eurofinsgenomics.eu/en/ecom/oligonucleotides/custom-dna-oligos/custom-dna-oligos/</a>
TaqMan Gene Expression Assays (ID in Online Data Supplement)	Thermo Fisher	<a href="https://www.thermofisher.com/uk/en/home/life-science/pcr/real-time-pcr/real-time-pcr-assays/taqman-gene-expression/single-tube-taqman-gene-expression-analysis.html">https://www.thermofisher.com/uk/en/home/life-science/pcr/real-time-pcr/real-time-pcr-assays/taqman-gene-expression/single-tube-taqman-gene-expression-analysis.html</a>
Applied Biosystems <sup>™</sup> TaqMan <sup>™</sup>	Fisher Scientific	<a href="https://www.fishersci.co.uk/shop/products/taqman-microrna-reverse-transcription-kit-3/10146854">https://www.fishersci.co.uk/shop/products/taqman-microrna-reverse-transcription-kit-3/10146854</a>

MicroRNA Reverse Transcription Kit		
Cholestrol FS Assay	Diagnostic Systems	<a href="https://www.diasys-diagnostics.com/products/kit-lines/kits-for-respons/product-details/185-cholesterol-fs-10/product.show">https://www.diasys-diagnostics.com/products/kit-lines/kits-for-respons/product-details/185-cholesterol-fs-10/product.show</a>