

Supplemental Table 2. Human nuclear receptor primers and probes used for QPCR assays.

Receptor	Formal mRNA Name	Accession #	QPCR Primers	TaqMan Probe
18S		X00686	5' accgcagctaggaataatgga3' 5' gcctcagttccgaaaacca3'	VIC-accgcggttctat
AR	NR3C4	NM_000044	(3525)5' gaattcctgtgcatgaaagca3' (3610)5' cgaagttgatgaaagaatTTTTGATT3'	6FAM-ctactcttcagcattattcca
CAR	NR1I3	NM_005122	(771)5' ttcatggtactgcaagtcataa3' (856)5' ttgagaagggagatctggctctc3'	6FAM-ttactaaggacctgcccgtc
COUP-TF α	NR2F1	NM_005654	(1053)5' acagctgcctcaaagccatc3' (1167)5' tcacgtactcctccagtgcg3'	6FAM-cacatcgagagcctgcag
COUP-TF β	NR2F2	NM_021005	(1249)5' aaggcgctgcacggttgac3' (1349)5' ctttccacatgggctacatcag3'	6FAM-tagtcctgtttcacctcagat
DAX	NR0B1	NM_000475	(1068)5' ccaggtccaagccatcaagt3' (1175)5' ggcacgtccgggttaaaga3'	6FAM-aggagtacgcctacctc
COUP-TF γ	NR2F6	NM_005234	(352)5' agggctgcaagagctTTTTc3' (427)5' tggcagtcacgggttga3'	6FAM-caacctcagctacacctg
ER α	NR3A1	NM_000125	(989)5' agagaagtattcaaggacataacgactatat3' (1066)5' tcttccctcctgTTTTTcaatgg3'	6FAM-cagccaccaaccagt
ER β	NR3A2	NM_001437	(1316)5' aagttggccgacaaggagtt3' (1391)5' acaggctgagctccacaaga3'	6FAM-ccaagaagattccc
ERR α	NR3B1	NM_004451	(1143)5' gcgagaggagtatgTTTactaaagg3' (1218)5' agcctcgcatcttcgat3'	6FAM-ccaattcagactctgtgcac
ERR β	NR3B2	NM_004452	(719)5' gaggactatccaaggaacattg3' (839)5' catccccactttgaggcatt3'	6FAM-cgagatcaccaaaccg
ERR γ	NR3B3	NM_001438	(182)5' gctaacactgtcgcagtttgaa3' (357)5' cgaacagctggaatcaatgtg3'	6FAM-tctgcagaatgtcaaaca
FXR	NR1H4	NM_005123	(897)5' tgtcgactaaggaaatgcaaaga3' (997)5' tgctgcttcacatTTTTTctca3'	6FAM-cttgtaactgaaattca
GCNF	NR6A1	NM_033334 NM_001489 NM_001489 NM_033335	(1279)5' atcgagcggctcatctacct3' (1379)5' atatcttgatttaggaagTTAattgctttc3'	6FAM-agttccatcagctaaag
GR	NR3C1	NM_000176	(1280)5' tcctgggtcgaacagttTTTT3' (1357)5' agctggatggaggagagctt3'	6FAM-ccagcatgagaccagat
HNF4 α	NR2A1	NM_000457	(536)5' tgcaggctcaagaaatgctt3' (591)5' tcattctggacggcttccct3'	6FAM-catgccagcccga
HNF4 γ	NR2A2	NM_004133	(360)5' tgggtgcaagggttctc3' (426)5' ccgactgaacctgcaagaata3'	6FAM-cagcattcgtaagagtcaca
LRH-1	NR5A2	NM_003822	(469)5' cagagaaagcgttgtccttactg3' (569)5' ttattccttccctccacgcatt3'	6FAM-tcggcccttacagcttct
LXR α	NR1H3	NM_005693	5' cccttcagaaccacagagatc3' 5' gctcgttccccagcatttt3'	6FAM-ccacaaaagcggaaaa
LXR β	NR1H2	NM_007121	(1099)5' cgctaagcaagtgcctgggt3' (1199)5' gcctggctgtctctagcagc3'	6FAM-ccctcctgaaggcat
MR	NR3C2	NM_000901	(2775)5' ccaaatcagccttcagttcgt3' (2876)5' ttgaggccatcctttggaat3'	6FAM-ttagtagcagcaaaactttca
NGFIB3	NR4A1	NM_173158	(139)5' cccttcgtgctgggtgtct3' (220)5' ggcttgatcacgggcatct3'	6FAM-cctttttccagggtcaaa
NOR1	NR4A3	NM_006981 NM_173198 NM_173199 NM_173200	(1741)5' aagagacgtcgaaaccgatgt3' (1833)5' tttcagactatctgtacggacaacttc3'	6FAM-taccattccaacactgag
NURR1	NR4A2	NM_006186	(1625)5' gcccaaagccgaccaa3' (1700)5' ggacctgtatgctaatacgaagga3'	6FAM-ctgctttttgaaatcagct

Receptor	Name	Formal mRNA Accession	# QPCR Primers	TaqMan Probe
PNR	NR2E3	NM_016346	(456) 5' tgtgccccgctggacaa3'	6FAM-acttcttcagccgg
		NM_014249	(542) 5' cggcgtcctggttcatc3'	
PPAR α	NR1C1	NM_005036	(148) 5' acgtgcttctgcttcatagat3' (218) 5' caccatcgcgaccagatg3'	6FAM-agctcggcgacacaa
PPAR δ	NR1C2	NM_006238	5' cagtactgccgcttccagaa3'	6FAM-catgtcacacaacgctat
		NM_177435	5' ggccatccgacaaaacg3'	
PPAR δ 2		NM_177435	(128) 5' ccaacagatgaagacagatgca3' (197) 5' ctgaacgcagatggacctcta3'	6FAM-tgatgggaaccacc
PPAR γ	NR1C3	NM_005037	5' agatccagtggttgacagattaca3'	6FAM-tcaagagtaccaaagtga
		NM_015869	5' ggagatgcaggctccacttt3'	
PPAR γ 2		NM_015869	(163) 5' tgaccagaaaagcgattcct3' (263) 5' caaagttggtgggccagaa3'	6FAM-tatagcacaccatcccca
PR	NR3C3	NM_000926	(1927) 5' tgggagctgtaaggtcttctttaa3' (2007) 5' acgatgcagtcatttcttcca3'	6FAM-aagggcagcacaact
PXR	NR1I2	NM_003889	(2984) 5' cccagcctgctcataggttc3' (3064) 5' ggggtgctgagcattgatg3'	6FAM-catggctatgctcaccgag
RAR α	NR1B1	NM_000964	5' cagcaccagcttccagttagt3' 5' ctgctgctctgggtctcaatg3'	6FAM-tatagcacaccatcccca
RAR β	NR1B2	NM_000965	(1390) 5' cagctcctgcctttggaaa3'	6FAM-ttaatctgtggagaccgcca
		NM_016152	(1489) 5' cttttgtcggttcctcaaggt3'	
RAR γ	NR1B3	NM_000966	5' ggaacaagaagaagaagaggtgaa3' 5' ttggtgatgagctcttctaactga3'	6FAM-cctgacagctatgagc
Rev-erb α	NR1D1	NM_021724	(2025) 5' tgaccaagtccacctgcttaag3' (2083) 5' aagcaaagcgcaccatca3'	6FAM-cacctcaaaggtgccag
Rev-erb β	NR1D2	NM_005126	(773) 5' tcagcaatgtcacttcaaaa3' (835) 5' ccaaaccgaacagcatctctt3'	6FAM-acattccaacagacagaca
ROR α	NR1F1	NM_134261	5' ctgactgaagatgaaattgcattatt3' 5' gcagccatgagcgatctg3'	6FAM-ctgcatttgtactgatgtc
ROR β	NR1F2	NM_006914	(1186) 5' ttcaacaatgggcagttagca3' (1266) 5' ccaaattgggacttaatgatgttct3'	6FAM-ccatgactgaaatcgaccga
ROR γ	NR1F3	NM_005060	(951) 5' gcagcgtccaacatcttc3' (1031) 5' gcacaccgttcccacatct3'	6FAM-cacatggacttctctggtag
RXR α	NR2B1	NM_002957	(795) gagcccaagaccgagacct3' (895) agctgtttgtcggctgctt3'	6FAM-ccagctcgcgaac
RXR β	NR2B2	NM_021976	(654) 5' agccccagattaactcaaca3' (800) 5' gattgcacatagccgtttgc3'	6FAM-atgtgaagccaccagtct
RXR γ	NR2B3	NM_006917	(215) 5' gaagtttcccgcaggtatg3' (278) 5' tgatgggctcatggatgtaga3'	6FAM-aggctcccctggcc
SF-1	NR5A1	NM_004959	(386) 5' ttctgccgcttccagaaat3' (486) 5' ttgtacatcgccccaaactt3'	6FAM-aagccgtgcgcgct
SHP	NR0B2	NM_021969	(529) 5' cctgcctgaaagggaccat3' (605) 5' ctgcaggtgcccaatgtg3'	6FAM-ccaggcctccaagc
TLX	NR2E1	NM_003269	5' tgatgctaacactctactggctgta3' 5' cagcttctgggaatctgtgtt3'	6FAM-cacgttcatgccag
TR2	NR2C1	NM_003297	(998) 5' gcagaccaacggtgatgttt3' (1057) 5' ccaggattcaatgcttttgc3'	6FAM-aagggcatttgacactc
		NM_003298	(816) 5' gatgggcatgaaaatggaatc3' (881) 5' ggtttctcccgttgacat3'	
TR α	NR1A1	NM_003250	(1372) 5' cacggaagtggctctgctg3' (1472) 5' gcaggtacgcctcctgactc3'	6FAM-taatgtcaacagaccgctc
TR β	NR1A2	NM_000461	(201) 5' tgcgtgggtgccaaagt3' (264) 5' ccttttctactgacatctccttct3'	6FAM-ccacacatgatttaaatgaat
VDR	NR1I1	NM_000376	(547) 5' cccacctaactccgacttct3' (605) 5' ctccaccatcattcacagaa3'	6FAM-ccagttccggcctc