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<120> METHODS AND COMPOSITIONS FOR INHIBITING EXPRESSION OF CYP27A1

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<151> February 12, 2019

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<170> PatentIn version 3.5

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<210> 776
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<400> 776
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<400> 779
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<213> Homo sapiens

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<212> RNA
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ucgaaagaau cucgcugcac ccccgcccag aguucagacc aagcgaaaag uuauuugaga 180

ggccucgggg gcgcggggug aggagucgug gcggaggccu uggucggggc gccguggaua 240

uccccgaguc accgcguccc ucuccugcag cucccgcguc gcugggagga gcgagggagc 300

gagcgggaag gggucuagcu ggccuuugcu cggcccuccc cagcgcccgg cuuugaaccc 360

gcccugcacu gcugucuggg cggguccggg gacucagcac ucgacccaaa ggugcaggcg 420

cgcgagcaca acccauggcu gcgcugggcu gcgcgaggcu gaggugggcg cugcgagggg 480

ccggccgugg ccucugcccc cacggggcca gagccaaggc cgcgaucccu gccgcccucc 540

ccucggacaa ggccaccgga gcucccggag ccgggccugg uguccggcgg cggcaacgga 600

gcuuagagga gauuccacgu cuaggacagc ugcgcuucuu cuuucagcug uucguucaag 660

gcuaugcccu gcaacugcac caguuacagg ugcuuuacaa ggccaaguac gguccaaugu 720

ggauguccua cuuagggccu cagaugcacg ugaaccuggc cagugccccg cucuuggagc 780

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agcugcgcca ggcucugaac cagcgguugc ugaagccagc ggaagcagcg cucuauacgg 960

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uccucccaa guggacucgc cccgugcugc cuuucuggaa gcgauaccug gaugguugga 1260

augccaucuu uuccuuuggg aagaagcuga uugaugagaa gcucgaagau auggaggccc 1320

aacugcaggc agcagggcca gauggcaucc aggugucugg cuaccugcac uucuuacugg 1380

ccaguggaca gcucaguccu cgggaggcca ugggcagccu gccugagcug cucauggcug 1440

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uccucuuccc caagaacacc caguuugugu ucugccacua uguggugucc cgggacccca 1740

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cuacccccag gauccagcac ccauuuggcu cugugcccuu uggcuauggg guccgggccu 1860

gccugggccg caggauugca gagcuggaga ugcagcuacu ccucgcaagg cugauccaga 1920

aguacaaggu gguccuggcc ccggagacgg gggaguugaa gaguguggcc cgcauugucc 1980

ugguucccaa uaagaaagug ggccugcagu uccugcagag acagugcuga gcugagucuc 2040

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caugucucag augaggaggg agagaaggag gccgccagac ucgagaggug ggaggaacuc 2160

cuugcacaca cccugagcuu uugccacuuc uaucauuuuu gagcaacucc cucucagcua 2220

aaaggccacc ccuuuaucgc auugcugucc uuggguagaa uauaaaauaa agggacuuuu 2280

auuucuuauu ggaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2340

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaa 2388

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<213> Macaca mulatta

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uucgaaagaa ucucgcugca cccccgccca gaguucagac caagcgaaaa guuauuugag 180

aggccucggg ggcgcggggu gaggagucgg uggcggaggc cuuggucggg gcgcgguggg 240

uaucccugag ucaccgcguc ccucuccugc agaccccacg acgcugggag gagcgaggga 300

gugagcggga aggggucugg cuggccuuug cucggcccuc cccagcgccc ggccuugaac 360

ccgcccugag cugcugccug ggcggguccg gggguuccgc acucgaccca aaggugcagg 420

cgggcgagca caacccaugg cugcgcuggg cugcgcgagg uugagguggg ugcugcgagg 480

ggccggccgu ggccucugcc cccacggggc cagagccaag gccacgaucc cuaccgcccu 540

ccccucggac aaggccaccg aggcucccgg agccgggccu gguauccggc ggcggcaacg 600

gagcuuaaag gagauuccac gucuagggca gcugcgcuuc uucuuucagc uguuuguuca 660

aggcuaugcc cugcagcugc accaguuaca ggugcuuuac aaggccaagu acgguccaau 720

guggaugucc uacuuagggc cucagaugca cgugaaccug gccagugccc cgcucuugga 780

gcaagugaug cggcaagagg gcaaguaccc aguacggaac gacauggagc uauggaagga 840

gcaccgggac cugcacgacc ugaccuaugg gccguucacc acggaaggac accacuggua 900

ccagcugcgc caggcucuga accagcgguu gcugaagcca gcggaggcag cgcucuauac 960

ggaugcuuuc aaugagguga uugaugauuu uaugauucga cuggaccagc ugcgggcaga 1020

gagugcuucg gggaaccagg ugucggacac ggcucaacuc uucuacuacu uugccuugga 1080

agcuauuugc uacauccugu ucgagaaacg cauuggcugc cugcagcgau ccaucccga 1140

ggacaccgug accuuuguca gauccaucgg guuaauguuc cagaacucac ucuaugccac 1200

cuuccucccc aaguggaccc gccccgugcu gccuuucugg aagcgauacc uggaugguug 1260

gaaugccauc uuuuccuucg ggaagaagcu gauugaugag aaacucgagg auauggaggc 1320

ccaacugcag gcagaggggc cagauggugu ccaggugucu ggcuaccugc acuucuugcu 1380

ggccagugga cagcucaguc cucgggaggc caugggcagc cugccugaac ugcucauggc 1440

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ugagauccag gaggccuugc acgaggaagu ggugggugug gugccagccg ggcaggugcc 1560

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cuuccucuuc cccaagaaua cccaguuugu guucugccac uacguggugu cccgggaccc 1740

caccaccuuc ucugaaccug agagcuucca gccccaccgc uggcugagga gcagccagcc 1800

ugcuaccccc aggauccaac acccauuugg cucugugccc uuuggcuaug ggguccgggc 1860

cugccugggc cgcaggauug cagagcugga gaugcagcua cuccuggcaa ggcugaucca 1920

gaaguacaag gugguccugg ccccagagac gggggaguug aagagugugg cccgcauugu 1980

ccugguuccc aauaagaaag ugggccugca guuccugcag agacagugcu gagcugaguc 2040

cccaccuugc uggggcuugu ccuagaggcu ccagcccugg cauagugguu ccuggcugcc 2100

gccugucuca gaugaggagg gagagaagga ggccgccaga cuugagaggu gggaggaacu 2160

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cucagauaaa aggccaccgc uuuaucgcau ugcuguccuu ggguagaaua uaaaauaaag 2280

ggacuuuuau uucuuaucgg a 2301

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<213> Mus musculus

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cugagaugga cgcuccugga cccgcgugug gugggccgug gccucugccc acaaggggcc 180

agagccaagg ccacgauccc ugcagcccuc caggcacagg agaguacgga ggguccagga 240

acaggucaag accggccgcg ccugcggagu ccggcggagc uuccggggac cggaacgcua 300

caauuuuuau uccagcuauu ucuacaaggc uaugugcugc acuugcccga ccuccaggug 360

cugaacaaga ccaaguaugg uccaaugugg acaaccuccu uugggacuua caccaaugug 420

aaucuggcua gugccccacu cuuggagcaa gugaugagac aggagggcaa guacccaaua 480

agagaccaca uggaucagug gaaggaccac cgagaccaca agggccucac cuaugggauc 540

uucaucgcac aaggagagca augguaccau cugcgucagg cuuugaaaca gaggcugcug 600

aagccugacg aggccgcgcu cuacacggau gccuuaaacg agguuaucag ugacuuuauc 660

acccggcugg accaggugcg ggcagagagu gaaucagggg accaggugcc agacauggcu 720

caucuucucu accaccuugc cuuggaagcc aucaccuaua uccuguuuga gaaaaggauu 780

ggcugccuga aacccuccau uccugaggac acugccgccu ucaucagauc uguugcaauc 840

auguuccaga acucagucua uaucacuuuc cuucccaaau ggacgcgucc ucugcugccc 900

uuuuggaagc gauaccugaa uggcugggau aacauuuucu ccuuuggaaa gaagcugauu 960

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uuaugccacu acgugguguc ccgggauccc agugucuuuc cugagcccaa cagcuuccag 1440

ccucaccgau ggcugaggaa gaaagaggcu gauaacccug ggauccuaca uccauucggc 1500

ucugugcccu ucggcuaugg gguucggucu ugccuggguc ggaggauugc agaacuggag 1560

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uuucugcaga gacaguagua ccgagcuggg cucccgccuu cauggagcuc guccagaagc 1740

ccuggcacag aaguucuugg ccagucucau gucacauguc acgaugucag auucaacagg 1800

agaacucugu gcccuuccua uagacaccaa augucuggca caaucucuac ugagcagcac 1860

ccacuuaaga cagcagagca ccuuauaaua acaguccuug gguaugauuu aaaauaaaau 1920

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<210> 792
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