

**Figure S3**

	Protein size (amino acids)	Gene structure (exons/introns organization)	Gene location (scaffold)
CYP5150D8(92219)Ppla	554		181
CYP5150D9(92220)Ppla	546		181
CYP5150D5(56431)Ppla	548		31
CYP5150D16v1(58496)Ppla	539		38
CYP5150D16v2(89777)Ppla	527		81
CYP5150D7(56490)Ppla	552		31
CYP5150D1(56521)Ppla	548		31
CYP5150D6(107860)Ppla	231		31
CYP5150D4(56515)Ppla	546		31
CYP5150D20(46717)Ppla	533		41
CYP5150D2(56458)Ppla	451		31
CYP5150D18(21309)Ppla	472		107
CYP5150D17v1(97505)Ppla	578		14
CYP5150D17v2(97728)Ppla	1054		65
CYP5150D19(57109)Ppla	562		9
CYP5150D21(62768)Ppla	508		75
CYP5150D14v1(44177)Ppla	493		20
CYP5150D15v1(120723)Ppla	547		46
CYP5150D15v2(116443)Ppla	500		238
CYP5150D11v1(55398)Ppla	544		142
CYP5150D11v2(89660)Ppla	540		21
CYP5150D12v1(114266)Ppla	543		177
CYP5150D13v1(20385)Ppla	526		96
CYP5150D13v2(51235)Ppla	546		5
CYP5150D22(127929)Ppla	821		309
CYP5150F1(51017)Ppla	536		154
CYP5150E1v2(56875)Ppla	535		27
CYP5150E1v1(94692)Ppla	598		33

**Figure S3 continued**

	Protein size (amino acids)	Gene structure (exons/introns organization)	Gene location (scaffold)
CYP5150D25(166498)Gsp	549		12
CYP5150D24(157234)Gsp	547		12
CYP5150D23(56993)Gsp	555		12
CYP5150D27(147311)Gsp	541		1
CYP5150D29(122823)Gsp	545		12
CYP5150D28(157358)Gsp	564		12
CYP5150M5(152188)Gsp	548		5
CYP5150M(46275)Gsp	552		4
CYP5150G1(146207)Gsp	538		14
CYP5150H1(90218)Gsp	528		8
CYP5150J17(59629)Gsp	543		14
CYP5150J18(123794)Gsp	467		14
CYP5150J16(123793)Gsp	467		14
CYP5150J19(59491)Gsp	543		14
CYP5150J5(94625)Gsp	544		14
CYP5150J12(122158)Gsp	205		11
CYP5150J11(122142)Jsp	545		11
CYP5150J13(122244)Gsp	545		11
CYP5150J14(158128)Gsp	546		14
CYP5150J15(158130)Gsp	604		14
CYP5150K2(59427)Gsp	547		14
CYP5150K4(59616)Gsp	548		14
CYP5150L8(59501)Gsp	516		14
CYP5150L9(123691)Gsp	542		14
CYP5150L7(47827)Gsp	539		5
CYP5150L6(123698)Gsp	546		14
CYP5150L1(92661)Gsp	540		11
CYP5150L3(166075)Gsp	549		11
CYP5150L2(46997)Gsp	550		4
CYP5150L4(156784)Gsp	543		11
CYP5150L10(55691)Gsp	539		12
CYP5150L11(56190)Gsp	546		12
CYP5150E2(122651)Gsp	598		12

**Figure S3 continued**

	Protein size (amino acids)	Gene structure (exons/introns organization)	Gene location (scaffold)
CYP5150B(253633)Pcar	561		4
CYP5150B(112917)Pcar	562		2
CYP5150B(205063)Pcar	561		2
CYP5150A(205293)Pcar	542		2
CYP5150B(88318)Pcar	562		2
CYP5150A(214286)Pcar	518		13
CYP5150A(131561)Pcar	543		13
CYP5150A(265429)Pcar	543		13
CYP5150A(265422)Pcar	543		13
CYP5150A3(1200)Pchr	491		2
CYP5150A5(4920)Pchr	572		8
CYP5150A1(1200)Pchr	491		2
CYP5150B1(1976)Pchr	511	11/10	2
CYP5150A4(1751)Pchr	488	8/7	2
CYP5150A (1162801)Slac	545		3
CYP5150A (1089743)Slac	546		3
CYP5150A(123171)Abis	549		17
CYP5150A(77755)Abis	429		13
CYP5150A(144299)Abis	541		7
CYP5150A(179443)Abis	541		7
CYP5150A(179442)Abis	548		7
CYP5150A(193886)Abis	561		7
CYP5150A(207479)Abis	552		7
CYP5150A(188304)Abis	549		13
CYP5150A(79965)Abis	545		18
CYP5150A(201718)Abis	550		3
CYP5150A(186683)Abis	549		7
CYP5150A(207457)Abis	547		7