

Table S5. Cytochrome P450s in junglerice.

Transcript	Cytochrome P450	Full/partial
TR10158c0_g1	71A1	partial
TR10443c0_g1	711A1	partial
TR104827c0_g1	allene oxide synthase 3	5' partial
TR105221c0_g1	71Y10	partial
TR107050c0_g1	86B1	partial
TR10773c0_g1	78A5	3' partial
TR10773c0_g2	78A5	3' partial
TR109230c0_g1	87A3	partial
TR109352c0_g1	76C2	3' partial
TR110505c0_g1	4C1	partial
TR11052c0_g1	716B1	3' partial
TR11052c0_g2	716B1	3' partial
TR110820c0_g1	4C1	partial
TR111655c0_g1	734A6	partial
TR113074c0_g1	71D10	partial
TR113074c0_g2	71D10	partial
TR113364c0_g1	89A2	partial
TR113874c0_g1	71Y10	partial
TR11571c0_g1	flavonoid 3'-monooxygenase	psuedo
TR11720c0_g1	94A1	partial
TR11847c0_g1	flavonoid 3'-monooxygenase	psuedo
TR12676c0_g1	89A2	3' partial
TR12676c0_g2	89A2	3' partial
TR12676c1_g1	89A2	3' partial
TR12813c0_g1	89A2	partial
TR12813c0_g2	89A2	partial
TR12831c0_g1	76C4	3' partial
TR12926c0_g1	93A3	5' partial
TR12926c0_g2	93A3	5' partial
TR14362c0_g1	711A1	5' partial
TR14759c0_g2	71D7	full
TR14774c0_g1	71A1	partial
TR15352c0_g1	71A1	3' partial
TR1602c0_g1	716B1	partial
TR16289c0_g1	81A4	psuedo
TR16532c0_g1	94A2	partial
TR16607c0_g1	72A15	partial
TR17055c0g1	87A3	full
TR17115c0_g1	71D8	psuedo
TR17442c1_g2	flavonoid 3'-monooxygenase	psuedo
TR17442c1_g3	flavonoid 3'-monooxygenase	5' partial
TR17766c0_g1	obtusifoliol 14- α demethylase	full
TR17818c0_g1	72A15	psuedo
TR17873c0_g1	711A1	partial
TR18229c0_g1	71C36	full

TR18495c0_g1	obtusifoliol 14-alpha demethylase	partial
TR18628c0_g1	71D7	5' partial
TR18693c0_g1	isoflavone 2'-hydroxylase	partial
TR18926c0_g1	98A20	3' partial
TR19071c0_g1		partial
TR19199c1_g1	704C1	psuedo
TR19404c0_g1	71A1	5' partial
TR19404c0_g2	71A1	5' partial
TR20234c0_g1	734A2	psuedo
TR20400c0_g1	78A9	3' partial
TR21079c2_g1	81A	3' partial
TR21520c0_g1	71D	full
TR21956c0_g1	72A14	psuedo
TR21956c0_g2	72A14	3' partial
TR21961c0_g2	94B3	partial
TR21961c0_g3	94B3	5' partial
TR21993c0_g1	714C2	partial
TR21994c2_g1	93A3	psuedo
TR21994c2_g2	93A3	partial
TR21994c3_g2	93A2	3' partial
TR21994c3_g3	93A2	partial
TR22012c0_g1	734A1	psuedo
TR22099c0_g1	81A	5' partial
TR22170c0_g1	94C1	3' partial
TR22170c0_g2	94C1	partial
TR22199c1_g3	87A3	psuedo
TR22392c2_g1	76C	3' partial
TR22392c4_g1	76C2	partial
TR22392c5_g1	76C2	3' partial
TR22392c5_g2	76C2	5' partial
TR22392c6_g2	76H18	full
TR22392c6_g4	76C2	5' partial
TR2252c0_g1	isoflavone 2'-hydroxylase	5' partial
TR2252c0_g2	isoflavone 2'-hydroxylase	5' partial
TR22544c2_g2	71D8	5' partial
TR22568c0_g1	76M5	5' partial
TR22619c0_g1	71D7	psuedo
TR22756c0_g1	abscisic acid 8;-hydroxylase	5' partial
TR23374c1_g2	79A61	psuedo
TR23549c0_g1	71C2	3' partial
TR23549c0_g2	71C2	3' partial
TR23549c2_g1	indole-2-monooxygenase	full
TR23607c0_g1	90A1	3' partial
TR23658c0_g1	714B2	3' partial
TR23667c1_g6	tyrosine N monooxygenase	psuedo
TR23765c1_g1	89A2	3' partial
TR23900c0_g1	94C1	partial

TR23900c0_g2	94C1	5' partial
TR23992c0_g1	72A5	partial
TR23992c1_g1	72A15	5' partial
TR24099c1_g1	71A1	5' partial
TR24099c2_g1	89A2	partial
TR24099c2_g2	89A2	partial
TR24169c0_g1	714B1	5' partial
TR2433c0_g1	ent-cassadiene C2-hydroxylase	5' partial
TR24507c0_g1	ent-kaurene oxidase 1	5' partial
TR24650c0_g2	71A1	partial
TR24650c0_g3	71A1	3' partial
TR25198c0_g2	4-hydroxyphenylacetaldehyde oxime monooxygenase	full
TR25476c2_g1	71D7	partial
TR25476c3_g1	72A14	5' partial
TR25476c4_g2	71D10	3' partial
TR25636c0_g1	71C1	5' partial
TR25815c0_g2	71A1	full
TR25815c1_g2	71A1	psuedo
TR25815c1_g3	71A1	3' partial
TR25815c1_g4	71A1	5' partial
TR25815c2_g1	71D7	5' partial
TR25815c4_g1	71D7	5' partial
TR25815c5_g1	71C	partial
TR25825c1_g1	71C2	partial
TR25845c0_g1	linolate hydroperoxide lyase	full
TR25966c0_g1	734A6	partial
TR25966c0_g2	734A6	5' partial
TR26048c1_g1	704C1	psuedo
TR26048c1_g2	cinnimate 4 hydroxylase	psuedo
TR26218c0_g1	indole-2-monooxygenase	full
TR26299c2_g2	81A1	3' partial
TR26390c0_g2	88A1	psuedo
TR26390c1_g1	abscisic acid 8;-hydroxylase	psuedo
TR26477c1_g1	86B1	partial
TR26477c4_g1	704C1	partial
TR26477c4_g2	trans-cinnamate 4-monooxygenase	5' partial
TR26477c4_g3	704C1	3' partial
TR26502c0_g1	indole-2-monooxygenase	partial
TR26502c1_g1	indole-2-monooxygenase	full
TR26625c1_g2	94A2	3' partial
TR26625c1_g3	94A2	3' partial
TR26779c0_g2	81A7	5' partial
TR26799c2_g1	99A2	full
TR27319c0_g1	72A219	3' partial
TR27319c0_g2	72A15	partial
TR27319c0_g3	72A15	full
TR27540c3_g5	71D7	full

TR27557c2_g1	89A2	5' partial
TR27557c4_g1	89A2	3' partial
TR27674c2_g1	94B3	3' partial
TR27674c4_g1	86B1	3' partial
TR27674c6_g1	94C1	3' partial
TR27703c1_g1	71C	3' partial
TR27703c2_g1	indole-2-monooxygenase	psuedo
TR27703c2_g2	71C	psuedo
TR27733c1_g1	obtusifoliol 14-alpha demethylase	5' partial
TR28072c3_g1	71A1	3' partial
TR28079c0_g1	obtusifoliol 14-alpha demethylase	full
TR28083c0_g2	72A11	full
TR28095c2_g1	89A2	partial
TR28095c2_g2	89A2	partial
TR28095c2_g3	89A2	partial
TR28129c4_g3	72A13	3' partial
TR28129c4_g4	72A13	psuedo
TR28146c1_g1	indole-2-monooxygenase	5' partial
TR28208c2g2	10-deacetylbaaccatin III 10-O-acetyltransferase	5' partial
TR28331c2_g1	704C1	5' partial
TR28367c0_g1	76M5	psuedo
TR28466c2_g1	97B2	full
TR28555c1g1	76M5	5' partial
TR28555c2_g1	71A1	3' partial
TR28555c3_g2	81D1	5' partial
TR28555c3_g3	81D1	5' partial
TR28555c4_g3	71A1	full
TR28831c2_g4	indole-2-monooxygenase	psuedo
TR29009c2_g3	78A5	5' partial
TR29009c2_g4	78A5	5' partial
TR29142c0_g4	89A2	partial
TR29156c0_g1	734A6	5' partial
TR29248c3_g1	734A6	3' partial
TR29248c4_g1	734A6	3' partial
TR29248c4_g2	734A6	5' partial
TR29273c1_g2	71D11	5' partial
TR29273c1_g4	72A14	psuedo
TR29337c0_g2	97B2	5' partial
TR29606c1_g2	90A1	psuedo
TR29606c1_g4	90A1	psuedo
TR29717c0_g1	703A2	full
TR29738c1_g1	3A29	5' partial
TR29844c1_g1	isoflavone 2'-hydroxylase	3' partial
TR29844c1_g2	isoflavone 2'-hydroxylase	partial
TR29844c2_g4	isoflavone 2'-hydroxylase	partial
TR29974c2_g4	714C2	5' partial
TR29974c2_g6	714B1	partial

TR30176c3_g3	704C1	full
TR30176c3_g4	704C1	partial
TR30390c1_g2	78A9	partial
TR30662c1_g1	72A15	partial
TR30662c3_g1	72A15	psuedo
TR30662c5_g3	72A15	5' partial
TR30739c2_g1	714C2	psuedo
TR30739c2_g4	714C3	psuedo
TR33873c0_g1	71A1	partial
TR34707c0_g1	704B1	partial
TR35101c0_g1	71A1	partial
TR35989c0_g1	99A2	3' partial
TR37136c0_g1	76M5	partial
TR3878c0_g1	71A1	psuedo
TR39203c0_g1	4-hydroxyphenylacetaldehyde oxime monooxygenase	partial
TR39274c0_g1	71C2	3' partial
TR39792c0_g1	71A1	partial
TR40181c0_g1	87A3	partial
TR40876c0_g1	ent-cassadiene C2-hydroxylase	5' partial
TR41335c0_g1	71C1	psuedo
TR41472c0_g1	391A1	partial
TR42012c0_g1	86A8	partial
TR42784c0_g1	71D8	3' partial
TR42969c0_g1	4V2	partial
TR44253c0_g1	78A9	partial
TR44253c0_g2	78A9	partial
TR44704c0_g1	71A1	partial
TR45133c0_g1	78A5	partial
TR46281c0_g1	71A1	partial
TR46683c0_g1	71C	5' partial
TR46778c0_g1	716B1	3' partial
TR46811c0_g1	704B1	partial
TR46811c0_g2	704B1	partial
TR47112c0_g1	79A61	3' partial
TR49399c0_g1	ent-cassadiene C2-hydroxylase	partial
TR50127c0_g1	99A2	psuedo
TR50127c0_g2	99A2	full
TR50127c0_g3	99A2	full
TR50264c0_g1	flavonoid 3'-monooxygenase	partial
TR51377c0_g1	71A1	partial
TR51377c0_g2	71A1	partial
TR52000c0_g1	71C2	5' partial
TR52000c0_g2	71C2	5' partial
TR5203c0_g1	94B3	3' partial
TR52296c0_g1	flavonoid 3'-monooxygenase	partial
TR53161c0_g1	81D1	partial
TR53161c0_g2	isoflavone 2'-hydroxylase	psuedo

TR53406c0_g1	77A3	psuedo
TR53500c0_g1	72A5	partial
TR54090c0_g3	ent-cassadiene C2-hydroxylase	3' partial
TR54206c0_g1	714C3	partial
TR54325c0_g1	93A3	partial
TR54506c0_g1	76M5	5' partial
TR54887c0_g1	ent-isokaurene C2 hydroxylase	psuedo
TR54887c0_g2	ent-isokaurene C2 hydroxylase	5' partial
TR56066c0_g1	99A2	5' partial
TR56066c0_g2	99A2	psuedo
TR56066c0_g3	99A2	psuedo
TR56287c0_g1	714D1	partial
TR56287c0_g2	714D1	partial
TR56552c0_g1	geraniol 8-hydroxylase	3' partial
TR56552c0_g2	geraniol 8-hydroxylase	3' partial
TR56704c0_g1	86B1	5' partial
TR57151c0_g1	76H18	partial
TR57338c0_g1	4-hydroxyphenylacetaldehyde oxime monooxygenase	5' partial
TR57451c0_g1	71C1	5' partial
TR57592c0_g1	86A2	5' partial
TR5799c0_g1	93A2	psuedo
TR58133c0_g1	93A3	partial
TR58731c0_g3	geraniol 8-hydroxylase	3' partial
TR58784c0_g1	89A2	psuedo
TR60746c0_g1	714D1	partial
TR60820c0_g1	71C1	5' partial
TR60820c0_g3	indole-2-monooxygenase	psuedo
TR61005c0_g2	isoflavone 2'-hydroxylase	psuedo
TR61149c0_g1	76C2	psuedo
TR61204c1_g1	71D11	partial
TR62143c0_g1	89A2	5' partial
TR62152c1_g1	734A4	partial
TR62199c0_g1	71A1	5' partial
TR62199c0_g2	71A1	full
TR62359c0_g1	geraniol 8-hydroxylase	psuedo
TR62359c0_g2	76C2	full
TR62880c0_g1	78A5	partial
TR6336c0_g1	ent-isokaurene C2 hydroxylase	psuedo
TR63636c0_g1	4-hydroxyphenylacetaldehyde oxime monooxygenase	5' partial
TR64610c0_g1	734A2	5' partial
TR64636c0_g1	72A15	partial
TR64638c1_g1	72A219	5' partial
TR64638c1_g2	72A219	5' partial
TR64958c1_g2	isoflavone 2'-hydroxylase	psuedo
TR64963c2_g2	90D2	3' partial
TR65181c0_g1	flavonoid 3'5'-hydroxylase	3' partial
TR65239c0_g1	ent-cassadiene C2-hydroxylase	psuedo

TR65239c0_g3	ent-cassadiene C2-hydroxylase	5' partial
TR65327c1_g2	CYP72A28	partial
TR65327c1_g3	72A15	5' partial
TR65341c0_g1	alkane hydroxylase MAHO	full
TR65371c0_g1	87A3	full
TR65532c0_g1	734A6	partial
TR65670c1_g4	94C1	5' partial
TR65670c2_g1	94C1	5' partial
TR65879c0_g2	84A1	psuedo
TR65879c0_g3	84A	3' partial
TR66193c2_g1	71A1	5' partial
TR66193c3_g1	71A23	partial
TR66193c3_g2	71A23	partial
TR66193c4_g1	71A1	partial
TR66193c4_g3	71A1	5' partial
TR66250c1_g1	ent-cassadiene C2-hydroxylase	psuedo
TR66399c0_g1	abscisic acid 8;-hydroxylase	partial
TR66828c0_g2	76M5	3' partial
TR66828c1_g1	76M5	partial
TR67058c0_g2	71A1	partial
TR67058c0_g3	71A9	5' partial
TR67058c0_g4	71A9	3' partial
TR67174c1_g1	71C1	psuedo
TR67243c2_g1	78A5	partial
TR67359c0_g1	71D	psuedo
TR67498c1_g1	71D1	3' partial
TR67498c3_g1	71D	full
TR67626c1_g1	86B1	partial
TR67626c1_g2	86B1	5' partial
TR67647c0_g1	76M5	full
TR67647c0_g2	76C4	psuedo
TR67651c0_g1	724B3	full
TR67888c0_g1	90D2	5' partial
TR67928c3_g1	71A1	partial
TR67928c5_g1	71A1	full
TR67928c6_g2	71A1	full
TR67957c0_g1	71C1	partial
TR67957c0_g2	71C2	partial
TR67957c0_g3	indole-2-monooxygenase	3' partial
TR68016c1_g1	734A6	5' partial
TR68161c1_g1	89A2	5' partial
TR68161c1_g2	89A2	psuedo
TR68161c2_g5	89A2	5' partial
TR68470c0_g1	allene oxidase synthase 0	5' partial
TR68618c0_g1	704C1	full
TR68770c2_g2	704C1	psuedo
TR68803c3_g4	71A1	5' partial

TR68803c3_g5	71A1	partial
TR68803c3_g7	71A1	partial
TR68862c0_g2	94A2	partial
TR68862c1_g1	94A2	5' partial
TR68862c2_g2	94B3	full
TR68949c3_g1	81D1	partial
TR68958c0_g1	711A1	psuedo
TR6895c0_g1	tyrosine N monooxygenase	3' partial
TR6895c0_g2	tyrosine N monooxygenase	partial
TR69001c0_g1	76C1	partial
TR69022c0_g1	flavonoid 3'-monooxygenase	psuedo
TR69116c0_g1	716B1	full
TR69223c1_g1	isoflavone 2'-hydroxylase	3' partial
TR69223c3_g1	81A4	3' partial
TR69257c0_g1	88A1	5' partial
TR69376c1_g5	indole-2-monooxygenase	psuedo
TR69433c2_g1	flavonoid 3'-monooxygenase	3' partial
TR69433c2_g2	flavonoid 3'-monooxygenase	5' partial
TR69433c2_g3	flavonoid 3'-monooxygenase	5' partial
TR69538c1_g1	86B1	partial
TR69538c1_g3	86B1	5' partial
TR69808c0_g4	81D11	5' partial
TR69808c0_g5	81N4	partial
TR70276c1_g1	89A2	3' partial
TR70276c3_g4	89A2	psuedo
TR70276c4_g2	89A2	psuedo
TR70342c0_g2	94B3	full
TR70365c2_g2	71A1	5' partial
TR70626c0_g2	flavonoid 3'-monooxygenase	5' partial
TR70626c0_g3	flavonoid 3'-monooxygenase	partial
TR70678c1_g1	85A1	full
TR70839c1_g3	abscisic acid 8'-hydroxylase	5' partial
TR70839c2_g2	abscisic acid 8'-hydroxylase	psuedo
TR70839c2_g3	abscisic acid 8'-hydroxylase	3' partial
TR70839c2_g4	abscisic acid 8'-hydroxylase	psuedo
TR70857c2_g1	710A1	full
TR70870c2_g3	89A2	3' partial
TR71214c2_g2	98A7	3' partial
TR71392c0_g1	716B1	full
TR71482c6_g1	94B3	3' partial
TR71718c0_g2	734A6	psuedo
TR71796c0_g1	ent-cassadiene C2-hydroxylase	3' partial
TR71796c1_g3	ent-cassadiene C2-hydroxylase	partial
TR71796c2_g1	ent-cassadiene C2-hydroxylase	5' partial
TR71796c3_g3	ent-cassadiene C2-hydroxylase	full
TR71861c1_g1	90D2	psuedo
TR71861c1_g3	90D2	5' partial

TR71925c0_g1	79A61	5' partial
TR71936c0_g2	86A2	5' partial
TR71936c2_g1	74A19	full
TR71936c2_g2	allene oxidase synthase 0	partial
TR72021c0_g2	ent-cassadiene C2-hydroxylase	3' partial
TR72182c1_g3	72A15	psuedo
TR72378c0_g4	flavonoid 3'-monooxygenase	3' partial
TR72378c0_g5	flavonoid 3'-monooxygenase	3' partial
TR72378c0_g6	flavonoid 3'-monooxygenase	3' partial
TR72389c0_g1	78A9	5' partial
TR72389c1_g2	78A9	5' partial
TR72389c1_g3	flavonoid 3'-monooxygenase	partial
TR72398c0_g1	abscisic acid 8'-hydroxylase	psuedo
TR72526c4_g1	87A3	3' partial
TR72544c0_g2	71A1	5' partial
TR72544c1_g1	71A1	5' partial
TR72544c1_g2	71A1	partial
TR72544c2_g2	71A1	partial
TR72544c2_g3	71A1	partial
TR72544c2_g4	71A1	partial
TR72544c2_g5	71A1	3' partial
TR72640c2_g1	indole-2-monooxygenase	3' partial
TR72640c4_g1	indole-2-monooxygenase	5' partial
TR72682c1_g5	734A1	partial
TR72806c0_g5	71A1	psuedo
TR72905c0_g2	carotene epsilon-monooxygenase	3' partial
TR72905c0_g3	97B2	5' partial
TR73099c0_g1	94B3	3' partial
TR73099c0_g2	94B3	5' partial
TR73300c1_g2	indole-2-monooxygenase	5' partial
TR73300c1_g3	indole-2-monooxygenase	partial
TR73560c1_g1	geraniol 8-hydroxylase	psuedo
TR73560c1_g2	geraniol 8-hydroxylase	3' partial
TR73713c1_g2	71A1	partial
TR73713c1_g4	71A1	partial
TR73895c1_g1	734A6	3' partial
TR73895c2_g1	734A6	5' partial
TR73997c1_g1	714D1	psuedo
TR74022c1_g1	714B3	5' partial
TR76217c0_g1	78A5	5' partial
TR76607c0_g1	indole-2-monooxygenase	partial
TR7695c0_g1	704B1	3' partial
TR78276c0_g1	ent-cassadiene C2-hydroxylase	psuedo
TR78561c0_g1	71A1	3' partial
TR79382c0_g1	ent-isokaurene C2 hydroxylase	psuedo
TR7941c0_g1	flavonoid 3'-monooxygenase	psuedo
TR81746c0_g1	71D7	partial

TR8192c0_g1	89A2	psuedo
TR83958c0_g1	1A1	partial
TR8422c0_g1	4-hydroxyphenylacetaldehyde oxime monooxygenase	partial
TR8422c0_g2	4-hydroxyphenylacetaldehyde oxime monooxygenase	partial
TR85524c0_g1	71D7	partial
TR85738c0_g1	71C2	3' partial
TR86471c0_g1	734A6	psuedo
TR86573c0_g1	4g15	partial
TR88650c0_g1	isoflavone 2'-hydroxylase	partial
TR90052c0_g1	4G16	partial
TR900c0_g1	71D7	partial
TR90319c0_g1	ent-cassadiene C2-hydroxylase	5' partial
TR90488c0_g1	71D10	5' partial
TR90936c0_g1	49a1	partial
TR91022c0_g1	89A2	partial
TR91892c0_g1	71A1	3' partial
TR93091c0_g1	indole-2-monooxygenase	3' partial
TR93091c0_g2	indole-2-monooxygenase	3' partial
TR94016c0_g1	71Y10	partial
TR95595c0_g1	89A2	partial
TR97679c0_g1	1A1	partial
TR98917c0_g1	89A2	psuedo
