

Table S5-1. Genome coordinates of the *Ae. albopictus* CYP gene family

Scaffold	Start	End	Strand	ID*	CYP name (D. Nelson, Univ. Tennessee)	Protein length (AA)	CYP clade (CYP family)**	Best tBLASTn-hit***
64	29281	30829	-	AalbCYP130	CYP325L1v1	492	CYP4 clade (CYP325)	
64	41242	43523	-	AalbCYP131	CYP325M5v1	502	CYP4 clade (CYP325)	
64	53032	54901	-	AalbCYP132	CYP325M4v1	498	CYP4 clade (CYP325)	
64	85440	85613	-	CYP fragment				CYP325M4
64	98760	118627	+	AalbCYP133	CYP325M1	500	CYP4 clade (CYP325)	
64	137578	150729	+	AalbCYP134	CYP325N4	507	CYP4 clade (CYP325)	
64	191222	203156	+	AalbCYP135	CYP325N1	506	CYP4 clade (CYP325)	
64	208500	210192	+	AalbCYP136	CYP325G5	500	CYP4 clade (CYP325)	
64	229845	231520	+	AalbCYP137	CYP325G6	499	CYP4 clade (CYP325)	
64	246540	261202	-	AalbCYP138	CYP325T2v1	498	CYP4 clade (CYP325)	
64	268677	270437	-	AalbCYP139	CYP325M6v1	499	CYP4 clade (CYP325)	
64	284686	286456	-	AalbCYP140	CYP325M3v1	500	CYP4 clade (CYP325)	
64	315853	317614	-	AalbCYP141	CYP325M7v1	498	CYP4 clade (CYP325)	
64	333606	335364	-	AalbCYP142	CYP325M8v1	503	CYP4 clade (CYP325)	
64	416899	417218	-	CYP fragment				CYP9J15
74	153945	155474	+	AalbCYP158	CYP6AL1v1	509	CYP3 clade (CYP6)	
106	198341	199870	+	AalbCYP006	CYP6AL1v2	509	CYP3 clade (CYP6)	
130	373503	375365	-	AalbCYP015	CYP325M7v2	499	CYP4 clade (CYP325)	
130	391555	393298	-	AalbCYPpseudo05	CYP325M8Pv2	498	CYP4 clade (CYP325)	
130	399899	425007	-	AalbCYP016	CYP325BQ1	502	CYP4 clade (CYP325)	
130	434087	435768	-	AalbCYP017	CYP325G2	498	CYP4 clade (CYP325)	
162	216438	218337	+	AalbCYP034	CYP9J57	531	CYP3 clade (CYP9)	
162	221818	223475	+	AalbCYP035	CYP9J58	531	CYP3 clade (CYP9)	
162	226202	227945	+	AalbCYP036	CYP9J6	531	CYP3 clade (CYP9)	
177	394259	401564	+	AalbCYP043	CYP325Q2v1	486	CYP4 clade (CYP325)	
177	410897	420623	+	AalbCYP044	CYP325Q5v1	496	CYP4 clade (CYP325)	
177	423370	430674	+	AalbCYP045	CYP325Q4v1	496	CYP4 clade (CYP325)	
177	433255	442306	-	AalbCYP046	CYP325Q3v1	495	CYP4 clade (CYP325)	
177	462411	464212	+	AalbCYP047	CYP325Q1v1	497	CYP4 clade (CYP325)	
211	100365	105171	+	AalbCYP051	CYP4G35v2	554	CYP4 clade (CYP4)	
242	5404	6988	-	AalbCYP052	CYP6F3v1	505	CYP3 clade (CYP6)	
242	13540	15127	-	AalbCYP053	CYP6F2v1	505	CYP3 clade (CYP6)	
253	5679	7583	+	AalbCYP056	CYP9M6v1	533	CYP3 clade (CYP9)	
270	30470	35111	+	CYP fragment				CYP325P1
270	444640	472095	-	AalbCYP057	CYP325E3v1	519	CYP4 clade (CYP325)	
270	500249	512430	+	AalbCYP058	CYP325V1	500	CYP4 clade (CYP325)	
270	521926	523729	+	CYP fragment				CYP325T1
272	499649	500295	-	CYP fragment				CYP9J30
272	511450	513107	-	AalbCYPpseudo09	CYP9J59P	527	CYP3 clade (CYP9)	
284	400267	401898	-	AalbCYP061	CYP4H32v2	502	CYP4 clade (CYP4)	
284	474794	493598	-	AalbCYPpseudo11	CYP4D23Pv2	488	CYP4 clade (CYP4)	
318	369911	382174	+	CYP fragment				CYP325K3
318	396128	397877	-	CYP fragment				CYP325K2
421	381215	403448	+	AalbCYP086	CYP4J17	505	CYP4 clade (CYP4)	
460	243976	255805	-	AalbCYP100	CYP305A5	497	CYP2 clade	
460	271064	284065	-	AalbCYP101	CYP305A6	499	CYP2 clade	
460	285123	302420	+	AalbCYP102	CYP15B1	492	CYP2 clade	
501	134614	136316	-	AalbCYP105	CYP6N9v1	499	CYP3 clade (CYP6)	
501	143478	145063	+	AalbCYP106	CYP6N15v1	497	CYP3 clade (CYP6)	
501	149948	151574	-	AalbCYP107	CYP6N14v1	522	CYP3 clade (CYP6)	
501	156718	158279	-	AalbCYP108	CYP6N13v1	499	CYP3 clade (CYP6)	
501	158256	160258	-	AalbCYP109	CYP6S3v2	512	CYP3 clade (CYP6)	
501	173675	175633	-	AalbCYP110	CYP6N4	498	CYP3 clade (CYP6)	
501	188218	190061	-	AalbCYP111	CYP6N3	497	CYP3 clade (CYP6)	
501	203973	205541	-	AalbCYP112	CYP6N11	501	CYP3 clade (CYP6)	
501	218420	220263	+	AalbCYP113	CYP6N10	497	CYP3 clade (CYP6)	
501	231151	232888	-	AalbCYP114	CYP6Y3	503	CYP3 clade (CYP6)	
501	243695	245733	-	AalbCYP115	CYP6M6	492	CYP3 clade (CYP6)	
501	259674	261397	+	AalbCYP116	CYP6M9	493	CYP3 clade (CYP6)	
501	270699	272928	+	AalbCYP117	CYP6M11v1	499	CYP3 clade (CYP6)	
582	290508	292535	-	AalbCYP126	CYP12F5v1	526	Mitochondrial CYP clade	
582	308164	310163	+	AalbCYPpseudo24	CYP12F6Pv1	549	Mitochondrial CYP clade	
582	317602	332841	-	AalbCYP128	CYP12F7v1	524	Mitochondrial CYP clade	
677	287171	288439	-	CYP fragment				CYP9J
741	252470	254057	+	AalbCYP159	CYP6F2v2	505	CYP3 clade (CYP6)	
741	254874	256474	-	AalbCYP160	CYP6F3v2	508	CYP3 clade (CYP6)	
741	274664	276166	-	AalbCYP161	CYP6CA1	500	CYP3 clade (CYP6)	
907	267821	275695	+	CYP fragment				CYP4H29
924	235409	237107	+	AalbCYP175	CYP4J13	507	CYP4 clade (CYP4)	
924	237329	239050	+	AalbCYP176	CYP4J15	511	CYP4 clade (CYP4)	
924	256327	258037	+	AalbCYPpseudo18	CYP4J14P	506	CYP4 clade (CYP4)	
924	263255	264768	+	CYP fragment				CYP4J16
924	279304	280895	+	CYP fragment				CYP4J16
935	5758	7451	-	AalbCYP177	CYP9J8v1	541	CYP3 clade (CYP9)	
935	18942	20679	-	AalbCYPpseudo20	CYP9J19Pv1	542	CYP3 clade (CYP9)	
935	20836	22551	-	AalbCYP178	CYP9J18v1	546	CYP3 clade (CYP9)	
935	22744	24438	-	AalbCYP179	CYP9J10v1	541	CYP3 clade (CYP9)	
935	33547	35567	-	AalbCYP180	CYP9J9v1	542	CYP3 clade (CYP9)	
935	53795	55467	-	AalbCYP181	CYP9J17v1	538	CYP3 clade (CYP9)	
935	89590	91140	-	AalbCYPpseudo19	CYP9J2Pv1	497	CYP3 clade (CYP9)	
935	97072	98751	-	AalbCYP182	CYP9J16v1	538	CYP3 clade (CYP9)	
935	106187	119580	-	AalbCYP183	CYP9J15v1	541	CYP3 clade (CYP9)	
976	113488	115288	-	AalbCYP184	CYP325Q1v2	497	CYP4 clade (CYP325)	
976	136457	141685	+	AalbCYP185	CYP325Q3v2	495	CYP4 clade (CYP325)	
976	148674	157187	-	AalbCYP186	CYP325Q4v2	496	CYP4 clade (CYP325)	

976	167851	176015	-	AalbCYPpseudo22	CYP325Q5Pv2	495	CYP4 clade (CYP325)	
976	185371	201236	+	AalbCYP187	CYP325Q2v2	493	CYP4 clade (CYP325)	
1040	296563	298493	-	AalbCYPpseudo02	CYP6N9Pv2	493	CYP3 clade (CYP6)	
1040	307920	309469	+	AalbCYP002	CYP6N15v2	497	CYP3 clade (CYP6)	
1040	313699	315325	-	AalbCYP003	CYP6N14v2	522	CYP3 clade (CYP6)	
1040	324583	326396	-	AalbCYPpseudo01	CYP6N13Pv2	499	CYP3 clade (CYP6)	
1040	325684	328375	-	AalbCYP004	CYP6S3v1	493	CYP3 clade (CYP6)	
1040	340812	341371	-	CYP fragment				CYP6N
1076	172196	173775	-	AalbCYP007	CYP6CB1v1	504	CYP3 clade (CYP6)	
1076	188930	190557	+	AalbCYPpseudo03	CYP6CB3P	521	CYP3 clade (CYP6)	
1118	107221	108948	+	CYP fragment				CYP325X4
1143	60203	62838	-	AalbCYP011	CYP9J32	536	CYP3 clade (CYP9)	
1234	19170	20786	-	AalbCYP012	CYP6BY1	490	CYP3 clade (CYP6)	
1277	3744	5432	+	AalbCYP013	CYP9M4	541	CYP3 clade (CYP9)	
1290	14576	35537	+	CYP fragment				CYP4D39
1290	45425	60434	-	CYP fragment				CYP4D38
1290	78641	80328	-	CYP fragment				CYP4D37
1290	131533	151250	+	AalbCYPpseudo04	CYP4D23Pv1	493	CYP4 clade (CYP4)	
1290	285520	287028	+	AalbCYP014	CYP4H32v1	502	CYP4 clade (CYP4)	
1307	192014	194066	-	AalbCYP018	CYP6N9v3	496	CYP3 clade (CYP6)	
1321	234962	249095	+	AalbCYP019	CYP4H31	505	CYP4 clade (CYP4)	
1341	44321	51536	-	AalbCYP020.1	CYP6AG3	497	CYP3 clade (CYP6)	
1341	44321	51536	-	AalbCYP020.2	CYP6AG3	497	CYP3 clade (CYP6)	
1341	58739	60500	-	AalbCYP021	CYP6AG17	497	CYP3 clade (CYP6)	
1341	75217	77371	+	AalbCYP022	CYP6AG7	499	CYP3 clade (CYP6)	
1341	98049	101698	+	AalbCYP023	CYP6AG18	499	CYP3 clade (CYP6)	
1341	108861	110823	+	AalbCYP024	CYP6AG6v1	499	CYP3 clade (CYP6)	
1341	123370	131911	+	AalbCYP025	CYP6AG5v1	501	CYP3 clade (CYP6)	
1411	79666	83650	-	AalbCYP027	CYP314A1	538	Mitochondrial CYP clade	
1422	147003	148125	+	CYP fragment				CYP325K3
1422	168163	169885	-	AalbCYPpseudo06	CYP325K2P	509	CYP4 clade (CYP325)	
1478	165533	167344	-	AalbCYP028	CYP9M9v1	530	CYP3 clade (CYP9)	
1509	39298	65005	-	AalbCYP029	CYP12F8	511	Mitochondrial CYP clade	
1554	109854	111616	+	CYP fragment				CYP15B1
1609	12946	28495	-	AalbCYP032	CYP304B3v1	515	CYP2 clade	
1609	42481	63255	-	AalbCYP033	CYP304B2v1	517	CYP2 clade	
1609	77526	78888	-	CYP fragment				CYP304C1
1629	150285	182844	-	AalbCYP037	CYP4C38	544	CYP4 clade (CYP4)	
1701	48785	48979	-	CYP fragment				CYP325M1
1701	60437	74389	+	AalbCYP038	CYP325M4v2	489	CYP4 clade (CYP325)	
1701	85052	87193	+	AalbCYP039	CYP325M5v2	502	CYP4 clade (CYP325)	
1701	95955	97503	+	AalbCYP040	CYP325L1v2	492	CYP4 clade (CYP325)	
1702	63384	65000	+	AalbCYP041	CYP6AG8	499	CYP3 clade (CYP6)	
1767	218115	219178	-	AalbCYP042	CYP4G35v1	554	CYP4 clade (CYP4)	
1788	200381	200785	+	CYP fragment				CYP6A1
1804	190741	191043	+	CYP fragment				CYP4D24
1811	137654	139392	+	AalbCYP048	CYP307B1	535	CYP2 clade	
2010	225812	235934	+	CYP fragment				CYP325P1
2021	154437	177864	+	AalbCYP049	CYP6CD1v1	507	CYP3 clade (CYP6)	
2072	3244	3611	-	CYP fragment				CYP4K3
2072	12628	24597	-	AalbCYP050	CYP4D24v2	505	CYP4 clade (CYP4)	
2072	42323	42517	+	CYP fragment				CYP4D39
2388	18718	20249	+	CYP fragment				CYP4J16
2446	207665	216903	-	AalbCYP054	CYP325AA1	504	CYP4 clade (CYP325)	
2512	161592	162173	+	CYP fragment				CYP9AE1
2512	192886	195853	-	CYP fragment				CYP9AE1
2512	216752	219094	-	AalbCYP055	CYP329B1v1	505	CYP3 clade	
2750	7680	10573	-	AalbCYP059	CYP6AG19	499	CYP3 clade (CYP6)	
2763	72284	74283	+	AalbCYP060	CYP329B1v2	515	CYP3 clade	
2763	81919	84874	+	CYP fragment				CYP9AE1
2800	206952	208632	+	AalbCYPpseudo10	CYP9J28Pv1	535	CYP3 clade (CYP9)	
2866	107538	108277	+	CYP fragment				CYP325Q1
2905	88362	90386	-	AalbCYP062	CYP12F5v2	526	Mitochondrial CYP clade	
2905	99382	101596	+	AalbCYP063	CYP12F6v2	522	Mitochondrial CYP clade	
2905	111369	126125	-	AalbCYP064	CYP12F7v2	524	Mitochondrial CYP clade	
3177	3362	5226	+	AalbCYP065	CYP4AR2	500	CYP4 clade (CYP4)	
3692	99909	101854	+	AalbCYP066	CYP325Y1v1	498	CYP4 clade (CYP325)	
3692	114158	116312	+	AalbCYP067	CYP325Y2v1	498	CYP4 clade (CYP325)	
3789	5122	7015	-	AalbCYP068	CYP6M11v2	499	CYP3 clade (CYP6)	
3789	237786	239324	-	AalbCYP069	CYP6Z7	493	CYP3 clade (CYP6)	
3789	240434	242860	+	AalbCYPpseudo13	CYP6Z8P	490	CYP3 clade (CYP6)	
3790	10696	46530	-	AalbCYP070	CYP325E3v2	519	CYP4 clade (CYP325)	
3790	69918	70373	-	CYP fragment				CYP325E
3790	110573	111556	+	CYP fragment				CYP325V1
3790	121067	122834	+	CYP fragment				CYP325T1
3790	155946	168229	+	AalbCYP071	CYP325T1v1	496	CYP4 clade (CYP325)	
3898	2723	4155	+	CYP fragment				CYP6AG6
3898	16591	18980	+	AalbCYP072	CYP6AG6v2	499	CYP3 clade (CYP6)	
3898	27411	36234	+	AalbCYP073	CYP6AG5v2	501	CYP3 clade (CYP6)	
3899	7306	25323	-	AalbCYP074	CYP304B3v2	515	CYP2 clade	
3899	33892	43056	-	AalbCYP075	CYP304B2v2	517	CYP2 clade	
3899	99788	100150	-	CYP fragment				CYP304C1
4011	137809	150351	+	AalbCYP076	CYP9J15v2	535	CYP3 clade (CYP9)	
4011	166507	168307	+	AalbCYP077	CYP9J16v2	538	CYP3 clade (CYP9)	
4011	181384	182947	-	AalbCYPpseudo14	CYP9J17Pv2	501	CYP3 clade (CYP9)	
4011	233468	235527	+	AalbCYP078	CYP9J9v2	542	CYP3 clade (CYP9)	
4011	247117	248936	+	AalbCYP079	CYP9J10v2	542	CYP3 clade (CYP9)	
4011	249095	250795	+	AalbCYP080	CYP9J18v2	546	CYP3 clade (CYP9)	

4011	250912	252629	+	AalbCYP081	CYP9J19v2	541	CYP3 clade (CYP9)	
4011	265368	267284	+	AalbCYP082	CYP9J8v2	541	CYP3 clade (CYP9)	
4011	276699	278418	+	AalbCYP083	CYP9J20v1	535	CYP3 clade (CYP9)	
4011	287005	288959	+	AalbCYP084	CYP9J21v1	535	CYP3 clade (CYP9)	
4011	300117	302033	+	AalbCYP085	CYP9J22v1	534	CYP3 clade (CYP9)	
4161	36495	36896	-	CYP fragment				CYP6A1
4176	33892	124100	-	AalbCYP087	CYP4C52v1	537	CYP4 clade (CYP4)	
4181	18705	27340	+	AalbCYP088	CYP325T1v2	496	CYP4 clade (CYP325)	
4181	40145	54661	-	AalbCYP089	CYP325S2v1	499	CYP4 clade (CYP325)	
4181	66333	70191	-	AalbCYP090	CYP325S3v1	500	CYP4 clade (CYP325)	
4181	80323	70191	+	AalbCYP091	CYP325S1v1	511	CYP4 clade (CYP325)	
4284	14812	16705	-	CYP fragment				CYP4K3
4284	25572	42013	-	AalbCYP092	CYP4D24v1	505	CYP4 clade (CYP4)	
4284	59731	87020	+	AalbCYP093	CYP4D39	504	CYP4 clade (CYP4)	
4284	96919	132642	-	AalbCYP094	CYP4D38	502	CYP4 clade (CYP4)	
4284	150865	158953	-	AalbCYP095	CYP4D37	508	CYP4 clade (CYP4)	
4349	37400	55894	+	AalbCYP096	CYP6CD1v2	507	CYP3 clade (CYP6)	
4533	132369	134305	-	AalbCYP097	CYP9M7	533	CYP3 clade (CYP9)	
4533	137539	139789	-	AalbCYP098	CYP9M6v2	533	CYP3 clade (CYP9)	
4533	149805	151457	-	AalbCYP099	CYP9M15	530	CYP3 clade (CYP9)	
4555	147489	152421	+	CYP fragment				CYP306A1
4681	39763	98089	-	AalbCYP103	CYP4C50	545	CYP4 clade (CYP4)	
4681	126699	150616	-	AalbCYP104	CYP4C51v1	547	CYP4 clade (CYP4)	
5079	71056	79919	-	AalbCYP118	CYP325Y2v2	498	CYP4 clade (CYP325)	
5079	90126	93487	-	AalbCYP119	CYP325Y1v2	498	CYP4 clade (CYP325)	
5098	100028	101613	-	CYP fragment				CYP6CB1
5098	114116	115695	+	AalbCYP120	CYP6CB1v2	504	CYP3 clade (CYP6)	
5342	36243	45231	+	AalbCYP121	CYP303A1	497	CYP2 clade	
5391	17640	29786	-	AalbCYP122	CYP4C51v2	547	CYP4 clade (CYP4)	
5391	51903	94296	-	AalbCYP123	CYP4C52v2	537	CYP4 clade (CYP4)	
5573	69075	71185	-	AalbCYP124	CYP302A1	516	Mitochondrial CYP clade	
5576	5050	6671	+	CYP fragment				CYP325X4
5615	117642	118478	+	CYP fragment				CYP325AA1
5671	53990	79022	+	AalbCYP125	CYP4G36	566	CYP4 clade (CYP4)	
5923	19898	21607	-	AalbCYP129	CYP4H33	506	CYP4 clade (CYP4)	
6469	29720	47511	-	AalbCYP143.1	CYP6AK1	525	CYP3 clade (CYP6)	
6469	29720	31739	-	AalbCYP143.2	CYP6AK1	544	CYP3 clade (CYP6)	
6622	71346	80887	+	AalbCYP144	CYP18A1	533	CYP2 clade	
6622	81823	105137	-	CYP fragment				CYP306A1
6639	33079	35339	-	AalbCYP145	CYP325S1v2	511	CYP4 clade (CYP325)	
6639	55027	66166	+	AalbCYPpseudo15	CYP325S3Pv2	515	CYP4 clade (CYP325)	
6639	84432	102349	+	AalbCYP146	CYP325S2v2	499	CYP4 clade (CYP325)	
6658	77878	79997	+	AalbCYP147	CYP325Z1	528	CYP4 clade (CYP325)	
6658	91035	92747	-	CYP fragment				CYP4
6688	84607	100288	-	AalbCYP148	CYP325R1	502	CYP4 clade (CYP325)	
6808	19347	27838	-	AalbCYP149	CYP4H28	502	CYP4 clade (CYP4)	
6808	47717	71201	+	AalbCYPpseudo23	CYP4H30P	497	CYP4 clade (CYP4)	
7074	64830	73279	-	AalbCYP151	CYP4H29	512	CYP4 clade (CYP4)	
7257	16081	26137	+	CYP fragment				CYP49A1
7278	5503	7082	-	AalbCYP152	CYP6BB2	507	CYP3 clade (CYP6)	
7278	33482	35059	-	AalbCYP153	CYP6AA6	504	CYP3 clade (CYP6)	
7278	44434	46118	-	AalbCYP154	CYP6AA5	504	CYP3 clade (CYP6)	
7278	59009	60896	-	AalbCYP155	CYP6BZ1	502	CYP3 clade (CYP6)	
7278	61308	62885	-	AalbCYP156	CYP6P12	508	CYP3 clade (CYP6)	
7278	78288	79842	-	AalbCYP157	CYP6CC1	495	CYP3 clade (CYP6)	
7704	47611	49146	+	AalbCYP162	CYP6AL3v1	511	CYP3 clade (CYP6)	
7829	62762	64935	-	AalbCYP163	CYP9J28v2	536	CYP3 clade (CYP9)	
7829	71228	72905	+	AalbCYP164	CYP9J26	536	CYP3 clade (CYP9)	
7829	75054	76728	+	AalbCYP165	CYP9J27	536	CYP3 clade (CYP9)	
8023	85578	85919	+	CYP fragment				CYP301A1
8069	6997	15237	+	AalbCYP166	CYP325X1v1	506	CYP4 clade (CYP325)	
8069	23224	35725	+	AalbCYP167	CYP325X2v1	508	CYP4 clade (CYP325)	
8069	53972	54493	+	CYP fragment				CYP325X2
8069	79760	80161	+	CYP fragment				CYP325X4
8405	5288	8944	+	AalbCYPpseudo16	CYP9J20Pv2	535	CYP3 clade (CYP9)	
8405	14588	16516	+	AalbCYP168	CYP9J21v2	488	CYP3 clade (CYP9)	
8405	27130	28689	+	AalbCYPpseudo17	CYP9J61P	498	CYP3 clade (CYP9)	
8405	29595	31262	+	AalbCYP169	CYP9J22Pv2	534	CYP3 clade (CYP9)	
8405	49663	51332	+	AalbCYP170	CYP9J23v1	533	CYP3 clade (CYP9)	
8405	67140	68864	+	AalbCYP171	CYP9J7	530	CYP3 clade (CYP9)	
8585	8267	19832	+	AalbCYP172	CYP325X1v2	506	CYP4 clade (CYP325)	
8585	27319	40100	+	AalbCYP173	CYP325X2v2	509	CYP4 clade (CYP325)	
8585	54866	55555	+	CYP fragment				CYP325X2
8585	65293	65832	+	CYP fragment				CYP325X4
8606	3487	5022	-	AalbCYP174	CYP6AL3v2	511	CYP3 clade (CYP6)	
8717	49071	70504	-	CYP fragment				CYP301A1
9205	34599	36868	-	CYP fragment				CYP9J
9205	45671	46213	-	CYP fragment				CYP9J
9542	22110	23776	-	AalbCYPpseudo21	CYP9J22Pv3	533	CYP3 clade (CYP9)	
9907	36456	56121	+	AalbCYP188	CYP325T2v2	496	CYP4 clade (CYP325)	
10142	3231	18765	+	AalbCYP001	CYP6AH1	503	CYP3 clade (CYP6)	
10584	881	3011	-	AalbCYP005	CYP9J2v2	538	CYP3 clade (CYP9)	
10876	19592	20161	+	CYP fragment				CYP9AE1
11205	26115	27766	+	AalbCYP008	CYP9M8	531	CYP3 clade (CYP9)	
11382	21794	23574	+	AalbCYP009	CYP325M3v2	499	CYP4 clade (CYP325)	
11382	41868	43629	+	AalbCYP010	CYP325M6v2	499	CYP4 clade (CYP325)	
11625	13476	13922	-	CYP fragment				CYP307A1
11762	25202	39996	+	CYP fragment				CYP325

13104	28204	29336	+	CYP fragment				CYP315A1
13225	2807	11957	+	CYP fragment				CYP325M1
13327	16330	17302	+	CYP fragment				CYP4D24
13834	3	986	+	CYP fragment				CYP6Z8
13834	18501	20044	-	AalbCYP026	CYP6Z9	492	CYP3 clade (CYP6)	
15348	1857	3792	+	AalbCYP030	CYP9J22v4	534	CYP3 clade (CYP9)	
15348	15229	16900	+	AalbCYPpseudo07	CYP9J23Pv2	532	CYP3 clade (CYP9)	
15832	14111	15792	+	AalbCYP031	CYP9J60	540	CYP3 clade (CYP9)	
17116	2308	3421	+	CYP fragment				CYP325AA1
17647	11705	12781	+	CYP fragment				CYP6Z9
18567	5323	5514	+	CYP fragment				CYP4C50
22153	5141	5648	-	CYP fragment				CYP315A1
23311	1	1717	-	AalbCYPpseudo08	CYP9J2Pv3	522	CYP3 clade (CYP9)	
25433	980	1948	+	CYP fragment				CYP325
28303	2	688	+	CYP fragment				CYP9AE1
29929	537	1969	+	CYP fragment				CYP4D38
35924	1461	2225	+	CYP fragment				CYP4H29
40958	1094	1249	-	CYP fragment				CYP315A1
41983	635	1383	+	CYP fragment				CYP49A1
61826	184	691	-	CYP fragment				CYP315A1
176070	495	668	-	CYP fragment				CYP9J30
177207	18	602	+	CYP fragment				CYP301A1
181158	2	454	-	CYP fragment				CYP9J30
1036_0	127475	156198	+	CYP fragment				CYP49A1
1036_2	5670	9207	+	CYP fragment				CYP49A1
2844_2	16475	18304	+	AalbCYPpseudo12	CYP9M9Pv2	526	CYP3 clade (CYP9)	

\* if the same gene ID is followed by ".#" where # is a number, alternative spliced gene isoforms can be produced from the same locus

\*\* according to the phylogenetic analysis performed in this study

\*\*\* of CYP fragment with mosquito/fly CYP protein query