

Table S5-2. Accession numbers of CYP sequences used for phylogenetic analysis

<i>Ae. albopictus</i>	<i>Aedes aegypti</i>	<i>An. gambiae</i>	<i>D. melanogaster</i>	P450 markers (Feyereisen 2012)
AalbCYP001	AAEL000320-RA CYP325T1	AGAP000088-RA CYP4H19	DmelFBpp0070094 Cyp4g1-PA	CYP12A1-Mdom
AalbCYP002	AAEL000325-RA CYP325S2	AGAP000192-RA CYP4C26	DmelFBpp0070371 Cyp4d2-PA	CYP12A4-Dmel
AalbCYP003	AAEL000326-RA CYP325S1	AGAP000193-RA CYP4C37	DmelFBpp0070372 Cyp4ae1-PA	CYP15A1-Dpun
AalbCYP004	AAEL000338-RA CYP325E3	AGAP000194-RA CYP4C25	DmelFBpp0070410 Cyp4d14-PA	CYP18A1-Dmel
AalbCYP005	AAEL000340-RA CYP325P1	AGAP000284-RA CYP315A1	DmelFBpp0070412 Cyp4d1-PA	CYP301A1-Dmel
AalbCYP006	AAEL000357-RA CYP325S3	AGAP000818-RA CYP4K1	DmelFBpp0071839 Cyp6d2-PA	CYP302A1-Dmel
AalbCYP007	AAEL001288-RA CYP9M5	AGAP000877-RA CYP4G17	DmelFBpp0072228 Cyp9c1-PA	CYP303A1-Dmel
AalbCYP008	AAEL001292-RA CYP9M7	AGAP001039-RB CYP307A1	DmelFBpp0072837 Cyp4d20-PA	CYP306A1-Bmor
AalbCYP009	AAEL001312-RA CYP9M6	AGAP001076-RA CYP4G16	DmelFBpp0073061 Cyp302a1-PA	CYP307A1-Dmel
AalbCYP010	AAEL001320-RA CYP9M4	AGAP001443-RA CYP325J1	DmelFBpp0073352 Cyp4g15-PA	CYP307A2-Dmel
AalbCYP011	AAEL001807-RA CYP9M9	AGAP001861-RA CYP4H14	DmelFBpp0073409 Cyp28c1-PA	CYP307B1-Amel
AalbCYP012	AAEL001960-RA CYP12F5	AGAP001864-RA CYP4H15	DmelFBpp0073460 Cyp318a1-PA	CYP314A1-Dmel
AalbCYP013	AAEL002005-RA CYP12F6	AGAP002138-RA CYP325H1	DmelFBpp0073473 Cyp311a1-PB	CYP315A1-Dmel
AalbCYP014	AAEL002031-RA CYP12F7	AGAP002195-RB CYP325F2	DmelFBpp0073845 Cyp4s3-PA	CYP321A1-Hzea
AalbCYP015	AAEL002043-RA CYP305A5	AGAP002196-RA CYP325G1	DmelFBpp0074374 Cyp306a1-PA	CYP3A4-human
AalbCYP016	AAEL002046-RA CYP6CB1	AGAP002197-RA CYP325F1	DmelFBpp0074375 Cyp308a1-PA	CYP49A1-Dmel
AalbCYP017	AAEL002067-RA CYP15B1	AGAP002202-RA CYP325E1	DmelFBpp0074380 Cyp18a1-PA	CYP4AA1-Amel
AalbCYP018	AAEL002071-RA CYP305A6	AGAP002205-RA CYP325C2	DmelFBpp0074694 Cyp305a1-PA	CYP4AV1-Amel
AalbCYP019	AAEL002085-RA CYP4H31	AGAP002206-RA CYP325D1	DmelFBpp0074858 Cyp12c1-PA	CYP4C1 Bdis
AalbCYP020.1	AAEL002633-RB CYP9J31	AGAP002207-RA CYP325C1	DmelFBpp0074901 Cyp312a1-PA	CYP4C21-Bger
AalbCYP020.2	AAEL002638-RA CYP9J6	AGAP002208-RA CYP325A3	DmelFBpp0076543 Cyp4d8-PA	CYP4C7-Dpun
AalbCYP021	AAEL002872-RA CYP6CB2	AGAP002209-RA CYP325A2	DmelFBpp0076836 Cyp307a1-PA	CYP4G1-Dmel
AalbCYP022	AAEL003380-RA CYP4H28	AGAP002210-RA CYP325B1	DmelFBpp0076908 Cyp6t1-PA	CYP4G15-Dmel
AalbCYP023	AAEL003399-RA CYP4H30	AGAP002211-RA CYP325A1	DmelFBpp0076968 Cyp6v1-PA	CYP6A1-Mdom
AalbCYP024	AAEL003748-RA CYP9AE1	AGAP002416-RA CYP4K2	DmelFBpp0077428 Cyp309a2-PA	CYP6A2-Dmel
AalbCYP025	AAEL003763-RA CYP329B1	AGAP002417-RA CYP4AR1	DmelFBpp0078697 Cyp28d2-PA	CYP6A8-Dmel
AalbCYP026	AAEL003890-RA	AGAP002418-RA CYP4D15	DmelFBpp0078698 Cyp28d1-PA	CYP6AB3-Dpas
AalbCYP027	AAEL004012-RA CYP325AA1	AGAP002419-RA CYP4D22	DmelFBpp0078701 Cyp4ac1-PA	CYP6AE14-Harm
AalbCYP028	AAEL004054-RA CYP4G36	AGAP002429-RA CYP314A1	DmelFBpp0078703 Cyp4ac3-PA	CYP6AS1-Amel
AalbCYP029	AAEL004870-RA CYP18A1	AGAP002555-RA CYP325K1	DmelFBpp0079095 Cyp4d21-PA	CYP6B1-Ppol
AalbCYP030	AAEL004888-RA CYP306A1	AGAP002862-RA CYP6AA1	DmelFBpp0079515 Cyp4e3-PA	CYP6B3-Ppol
AalbCYP031	AAEL004941-RA CYP6AK1	AGAP002865-RA CYP6P3	DmelFBpp0080164 Cyp28a5-PA	CYP6CM1-Btab
AalbCYP032	AAEL005006-RA CYP6CD1	AGAP002866-RA CYP6P5	DmelFBpp0080386 Cyp303a1-PA	CYP6D1-Mdom
AalbCYP033	AAEL005695-RA CYP325X1	AGAP002867-RA CYP6P4	DmelFBpp0080627 Cyp310a1-PA	CYP6G1-Dmel
AalbCYP034	AAEL005696-RA CYP325X2	AGAP002868-RA CYP6P1	DmelFBpp0081379 Cyp313b1-PA	CYP6M2-Agam
AalbCYP035	AAEL005700-RA CYP325X4	AGAP002869-RA CYP6P2	DmelFBpp0081949 Cyp315a1-PA	CYP6P3-Agam
AalbCYP036	AAEL005771-RA CYP325K2	AGAP002870-RA CYP6AD1	DmelFBpp0082070 Cyp9f2-PA	CYP6Z2-Agam
AalbCYP037	AAEL005775-RA CYP325R1	AGAP002894-RA CYP6Z4	DmelFBpp0082086 Cyp313a3-PA	CYP9E1-Dpun
AalbCYP038	AAEL005788-RA CYP325K3	AGAP003065-RA CYP11179	DmelFBpp0082088 Cyp313a5-PA	CYP9P2 Amel Nelson site
AalbCYP039	AAEL006044-RA CYP325Q1	AGAP003066-RA CYP304B1	DmelFBpp0082136 Cyp313a4-PA	CYP9P7 Lhum
AalbCYP040	AAEL006058-RA CYP325Q2	AGAP003067-RA CYP304C1	DmelFBpp0082159 Cyp304a1-PA	
AalbCYP041	AAEL006257-RA CYP325Y1	AGAP003343-RA CYP6AG1	DmelFBpp0082413 Cyp313a1-PA	
AalbCYP042	AAEL006784-RA CYP9J17	AGAP003522-RA CYP329A1	DmelFBpp0083144 Cyp12a5-PA	
AalbCYP043	AAEL006793-RA CYP9J9	AGAP003608-RA CYP4AA1	DmelFBpp0083145 Cyp12a4-PA	
AalbCYP044	AAEL006795-RA CYP9J15	AGAP004665-RA CYP306A1	DmelFBpp0083697 Cyp6d4-PA	
AalbCYP045	AAEL006798-RA CYP9J10	AGAP005656-RA CYP305A1	DmelFBpp0084553 Cyp6a18-PA	
AalbCYP046	AAEL006802-RA CYP9J22	AGAP005657-RA CYP305A3	DmelFBpp0085074 Cyp4c3-PA	
AalbCYP047	AAEL006805-RA CYP9J2	AGAP005658-RA CYP15B1	DmelFBpp0085332 Cyp6w1-PA	
AalbCYP048	AAEL006811-RA CYP9J8	AGAP005660-RA CYP305A4	DmelFBpp0085466 Cyp6a2-PA	
AalbCYP049	AAEL006814-RA CYP9J20	AGAP005774-RA CYP49A1	DmelFBpp0085516 Cyp6u1-PA	
AalbCYP050	AAEL006815-RA CYP9J16	AGAP005992-RA CYP302A1	DmelFBpp0085792 Cyp12b2-PA	
AalbCYP051	AAEL006824-RA	AGAP006047-RA CYP4J9	DmelFBpp0086536 Cyp317a1-PA	
AalbCYP052	AAEL006827-RA CYP12F8	AGAP006048-RA CYP4J5	DmelFBpp0086580 Cyp6a22-PA	
AalbCYP053	AAEL006875-RA CYP307B1	AGAP006049-RA CYP4J10	DmelFBpp0086581 Cyp6a17-PA	
AalbCYP054	AAEL006984-RA CYP6AG5	AGAP006082-RA CYP301A1	DmelFBpp0086582 Cyp6a23-PA	
AalbCYP055	AAEL006989-RA CYP6AG7	AGAP007480-RA CYP6AH1	DmelFBpp0086583 Cyp6a19-PA	
AalbCYP056	AAEL006992-RA CYP6AG6	AGAP008018-RA CYP12F4	DmelFBpp0086585 Cyp6a8-PA	
AalbCYP057	AAEL007010-RA CYP6AG4	AGAP008019-RA CYP12F3	DmelFBpp0086586 Cyp6a21-PA	
AalbCYP058	AAEL007024-RA CYP6AG3	AGAP008020-RA CYP12F2	DmelFBpp0086933 Cyp9h1-PA	
AalbCYP059	AAEL007473-RA CYP6AH1	AGAP008022-RA CYP12F1	DmelFBpp0086937 Cyp301a1-PA	
AalbCYP060	AAEL007795-RA CYP4D37	AGAP008203-RA CYP6S2	DmelFBpp0087100 Cyp6g1-PA	
AalbCYP061	AAEL007798-RA CYP4K3	AGAP008204-RA CYP6S1	DmelFBpp0087101 Cyp6t3-PA	
AalbCYP062	AAEL007807-RA CYP4D38	AGAP008205-RA CYP6R1	DmelFBpp0087117 Cyp6g2-PA	
AalbCYP063	AAEL007808-RA CYP4D39	AGAP008206-RA CYP6N2	DmelFBpp0087403 Cyp49a1-PA	
AalbCYP064	AAEL007812-RA CYP4H32	AGAP008207-RA CYP6Y2	DmelFBpp0087672 Cyp4p2-PA	
AalbCYP065	AAEL007815-RA CYP4D24	AGAP008208-RA CYP6Y1	DmelFBpp0087673 Cyp4p1-PA	
AalbCYP066	AAEL007816-RA CYP4D23	AGAP008209-RA CYP6M1	DmelFBpp0087674 Cyp4p3-PA	
AalbCYP067	AAEL007830-RA CYP4H29	AGAP008210-RA CYP6N1	DmelFBpp0087770 Cyp6a13-PA	
AalbCYP068	AAEL008017-RA CYP4C50	AGAP008212-RA CYP6M2	DmelFBpp0087824 Cyp4e2-PA	
AalbCYP069	AAEL008018-RA CYP4C51	AGAP008213-RA CYP6M3	DmelFBpp0087825 Cyp4e1-PA	
AalbCYP070	AAEL008023-RA CYP4C52	AGAP008214-RA CYP6M4	DmelFBpp0087839 Cyp4ad1-PA	
AalbCYP071	AAEL008345-RA CYP4G35	AGAP008217-RA CYP6Z3	DmelFBpp0088126 Cyp9b2-PA	
AalbCYP072	AAEL008638-RA CYP49A1	AGAP008218-RA CYP6Z2	DmelFBpp0088127 Cyp9b1-PA	
AalbCYP073	AAEL008846-RA CYP9J32	AGAP008219-RA CYP6Z1	DmelFBpp0088436 Cyp12d1-d-PA	

AalbCYP074	AAEL008889-RA CYP6AL1	AGAP008356-RA CYP4H16	DmelFBpp0088707 Cyp6d5-PA
AalbCYP075	AAEL009018-RA	AGAP008358-RA CYP4H17	DmelFBpp0089324 Cyp314a1-PA
AalbCYP076	AAEL009117-RA CYP6M5	AGAP008552-RA CYP4H27	DmelFBpp0113050 Cyp4aa1-PB
AalbCYP077	AAEL009120-RA CYP6S3	AGAP008682-RA CYP307B1	DmelFBpp0289404 Cyp6a20-PB
AalbCYP078	AAEL009121-RA CYP6N9	AGAP009240-RA CYP4C35	DmelFBpp0289405 Cyp6a9-PB
AalbCYP079	AAEL009122-RA CYP6N15	AGAP009241-RA CYP4C36	DmelFBpp0289444 Cyp307a2-PA
AalbCYP080	AAEL009123-RA CYP6Z6	AGAP009246-RA CYP4C27	DmelFBpp0289683 Cyp4ac2-PB
AalbCYP081	AAEL009124-RA CYP6N12	AGAP009363-RA CYP9M1	DmelFBpp0290498 Cyp12e1-PC
AalbCYP082	AAEL009125-RA CYP6M10	AGAP009375-RA CYP9M2	DmelFBpp0300785 Cyp313a2-PB
AalbCYP083	AAEL009126-RA CYP6N6	AGAP009696-RA CYP325C3	DmelFBpp0302888 Cyp6a14-PD
AalbCYP084	AAEL009127-RA CYP6M11	AGAP010077-RA CYP303A1	DmelFBpp0304450 Cyp316a1-PB
AalbCYP085	AAEL009128-RA CYP6M6	AGAP010414-RA CYP4C28	DmelFBpp0307160 Cyp309a1-PB
AalbCYP086	AAEL009129-RA CYP6Z9	AGAP010961-RA CYP6AK1	DmelFBpp0309923 Cyp6a16-PB
AalbCYP087	AAEL009130-RA CYP6Z7	AGAP010966-RA CYP6AJ1	
AalbCYP088	AAEL009131-RA CYP6Z8	AGAP011028-RA CYP6AF1	
AalbCYP089	AAEL009132-RA CYP6Y3	AGAP011029-RA CYP6AF2	
AalbCYP090	AAEL009133-RA CYP6N14	AGAP012291-RA CYP9J3	
AalbCYP091	AAEL009137-RA CYP6N13	AGAP012292-RA CYP9J4	
AalbCYP092	AAEL009138-RA CYP6N11	AGAP012293-RA CYP9L3	
AalbCYP093	AAEL009591-RA CYP9M8	AGAP012294-RA CYP9L2	
AalbCYP094	AAEL009656-RA CYP6AL3	AGAP012295-RA CYP9L1	
AalbCYP095	AAEL009762-RA CYP307A1	AGAP012296-RA CYP9J5	
AalbCYP096	AAEL010151-RA CYP6N16	AGAP012957-RA CYP4D17	
AalbCYP097	AAEL010154-RA CYP4AR2	AGAP013128-RA CYP6AA2	
AalbCYP098	AAEL010158-RA CYP6N17	AGAP013224-RA CYP4H26	
AalbCYP099	AAEL010273-RA CYP325Z1	AGAP013241-RA CYP4D16	
AalbCYP100	AAEL010946-RA CYP314A1	AGAP013305-RA CYP4H25	
AalbCYP101	AAEL011463-RB	AGAP013490-RA CYP4H24	
AalbCYP102	AAEL011761-RA CYP325M5	AGAP013511-RA CYP6AG2	
AalbCYP103	AAEL011769-RA CYP325M4	AGAP028019-RA CYP4H18	
AalbCYP104	AAEL011770-RA CYP325L1		
AalbCYP105	AAEL011850-RA CYP315A1		
AalbCYP106	AAEL012144-RA CYP303A1		
AalbCYP107	AAEL012266-RA CYP4C38		
AalbCYP108	AAEL012491-RA CYP6P12		
AalbCYP109	AAEL012492-RA CYP6AA5		
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AalbCYP117	AAEL012772-RA CYP325G3		
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AalbCYP119	AAEL013554-RA CYP4J14		
AalbCYP120	AAEL013555-RA CYP4J13		
AalbCYP121	AAEL013556-RA CYP4J15		
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AalbCYP127	AAEL014412-RA CYP304B2		
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AalbCYP144	AAEL014618-RA CYP9J18		
AalbCYP145	AAEL014619-RA CYP9J22		
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AalbCYP150	AAEL014891-RA CYP6P12		
AalbCYP151	AAEL014892-RA CYP6BZ1		
AalbCYP152	AAEL014893-RA CYP6BB2		
AalbCYP153	AAEL014924-RB		
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AalbCYP158	AAEL015655-RA CYP302A1		
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AalbCYP162	AAEL017297-RA CYP6M9		
AalbCYP163	AAEL017539-RA CYP6BY1		
AalbCYP164	AAEL018044-RA CYP9J18		
AalbCYP165	AAEL018045-RA CYP9J19		
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