

Table S5-4. Genome coordinates of the *Ae. Albopictus* CCE gene family

Scaffold	Start	End	Strand	ID*	Protein length (AA)	CCE-clade**
9	370695	399004	-	AalbCCE051	596	F
9	432132	434121	+	AalbCCE052	570	F
9	461404	485427	-	AalbCCE053	584	F
9	522453	524310	+	AalbCCE054	557	F
178	68924	71150	-	AalbCCE012	615	B
178	81152	83245	+	AalbCCE013	551	B
178	85506	87385	-	AalbCCE014	548	B
178	104197	111643	-	AalbCCE015	555	B
178	111851	121778	+	AalbCCE016	560	B
178	122194	131147	-	AalbCCE017	553	B
244	281931	287717	+	AalbCCE060	857	M
259	428540	436410	-	AalbCCE025	577	H
259	459337	461615	+	AalbCCE026	590	H
259	473843	475855	+	AalbCCEpseudo004	568	H
259	485909	488352	-	AalbCCEpseudo005	589	H
259	499168	501304	+	AalbCCE027	573	H
295	57311	75495	-	AalbCCE028.1	539	C
295	57311	75495	-	AalbCCE028.2	540	C
295	75533	77789	+	AalbCCE029	540	C
329	398872	417138	+	AalbCCE031	702	J
388	137554	139564	+	AalbCCE032	571	H
388	142409	144259	-	AalbCCE033	553	H
490	24007	25936	-	AalbCCE037	584	H
490	26283	36683	-	AalbCCE038	586	H
512	34865	35482	-	CCE fragment		
512	132739	194130	+	AalbCCE061	1258	L
515	293330	320845	-	AalbCCE040	596	F
515	351375	353348	+	AalbCCE041	570	F
515	363037	378577	-	AalbCCE042	583	F
515	387519	390084	+	AalbCCE043	558	F
545	624161	624529	+	CCE fragment		
615	153435	191730	-	AalbCCE062	994	K
659	123827	125710	-	AalbCCE048	567	G
677	19380	21209	+	AalbCCE049	580	B
730	5326	33189	-	CCE fragment		
958	191521	199298	-	AalbCCE056	577	H

958	207230	209235	+	AalbCCE057	590	H
958	220290	222265	+	AalbCCEpseudo007	568	H
958	243294	245252	-	AalbCCEpseudo008	582	H
1080	176972	185571	+	AalbCCE001	574	B
1080	197604	208597	+	AalbCCE002	579	B
1080	215901	217081		CCE fragment		
1080	218032	225748	-	AalbCCE003	576	B
1080	245649	260068	+	AalbCCE004	579	B
1080	267526	268434	-	CCE fragment		
1252	293272	295512	+	AalbCCE008	601	B
1256	51525	92904	+	CCE fragment		
1263	230931	233047	-	AalbCCE009	601	B
1427	17026	19422	+	AalbCCE010	615	B
1546	11747	12121	-	CCE fragment		
1584	45243	191201	-	CCE fragment		
1592	100173	107096	+	AalbCCE059	857	M
1673	90538	90768	+	CCE fragment		
1747	181868	231823	+	AalbCCE011	615	B
1886	96353	132609	-	CCE fragment		
2068	204830	206574	-	AalbCCE018	561	B
2068	207451	209228	-	AalbCCE019	561	B
2068	214027	215771	-	AalbCCE020	561	B
2068	215893	217798	-	AalbCCE021	564	B
2068	218050	219867	-	AalbCCE022	561	B
2068	221411	223173	+	AalbCCE023	557	B
2183	233599	234438	-	CCE fragment		
2304	102321	104287	-	AalbCCE024	590	G
2392	17088	47716	+	CCE fragment		
2560	191674	207927	-	CCE fragment		
2597	2018	207927	+	CCE fragment		
2597	2029	77006	+	AalbCCE101, combined with CCE fragment at scaffold 8766 to be a full length CCE	635	J
3220	51476	53292	-	AalbCCE030	564	G
3838	104646	169491	+	CCE fragment		
4104	27723	73199	+	AalbCCE034	588	E
4123	163006	164787	+	AalbCCE035	554	D
4281	94173	96165	-	AalbCCE036	568	G
4610	65009	65239	-	CCE fragment		
5134	107645	109473	+	AalbCCE039	571	F
5214	15869	46905	-	CCE fragment		

5509	3634	23542	+	AalbCCE044	571	B
5509	30871	42237	-	AalbCCEpseudo006	570	B
5509	58362	74063	+	AalbCCE045	576	B
5509	82861	93286	-	AalbCCE046	579	B
5509	103971	117103	-	AalbCCE047	579	B
5520	15364	16434	-	CCE fragment		
5667	63945	64462	+	CCE fragment		
6084	61881	112969	+	CCE fragment		
6107	76999	77580	+	CCE fragment		
7808	15695	18473	+	CCE fragment		
8124	46074	47558	-	AalbCCE050	494	I
8766	15042	15328	-	CCE fragment		
9171	7499	29685	+	AalbCCE055	551	G
9749	3875	5834	+	AalbCCE058	594	G
10244	8434	16980	+	CCE fragment		
10749	34987	35640	+	CCE fragment		
10871	42761	47562	-	AalbCCEpseudo002	769	M
10890	18398	19882	-	AalbCCE005	494	I
11454	32920	35171	-	CCE fragment		
11731	28071	30275	+	AalbCCE006	637	I
11878	36744	37809	+	CCE fragment		
12092	180	2128	+	AalbCCE007	565	E
12635	35819	36256	+	CCE fragment		
13769	23416	25789	-	CCE fragment		
13769	16191	25785	-	AalbCCE100	622	J
13788	4556	6741	+	AalbCCEpseudo003	592	B
15393	2910	3347	+	CCE fragment		
23048	158	1478	-	CCE fragment		
25012	772	960	-	CCE fragment		
238980	3	215	+	CCE fragment		

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

** according to the phylogenetic analysis performed in this study