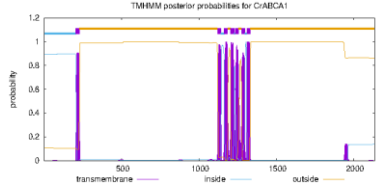
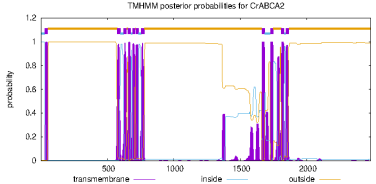
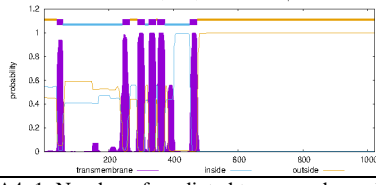
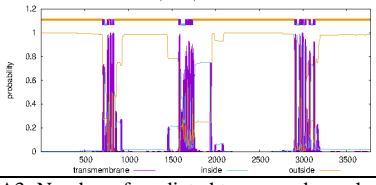
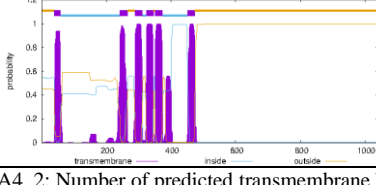
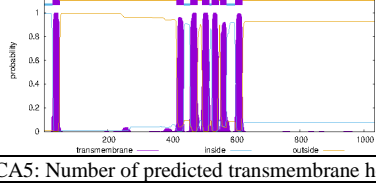
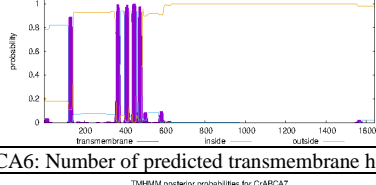
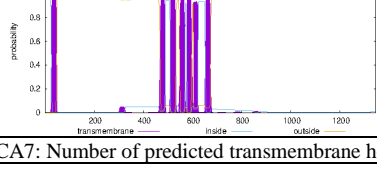


Prediction of transmembrane helices in proteins

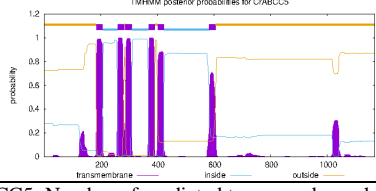
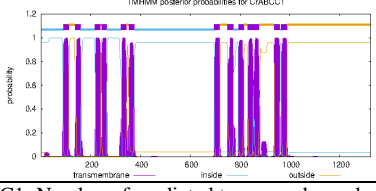
ABCA Subfamily

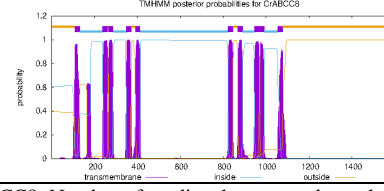
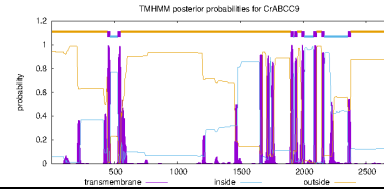
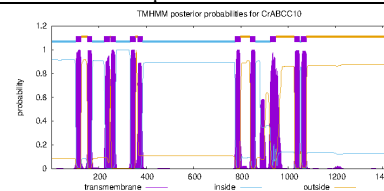
Half-size Transporter	Full-size Transporter
 <p>CrABCA1: Number of predicted transmembrane helices: 7</p>	 <p>CrABCA2: Number of predicted transmembrane helices: 11</p>
 <p>CrABCA4_1: Number of predicted transmembrane helices: 6</p>	 <p>CrABCA3: Number of predicted transmembrane helices: 14</p>
 <p>CrABCA4_2: Number of predicted transmembrane helices: 6</p>	
 <p>CrABCA5: Number of predicted transmembrane helices: 7</p>	
 <p>CrABCA6: Number of predicted transmembrane helices: 5</p>	
 <p>CrABCA7: Number of predicted transmembrane helices: 7</p>	

ABCB Subfamily

Half-size Transporter	Full-size Transporter
<p>TMHMM posterior probabilities for CrABCB1₁</p> <p>CrABCB1_1: Number of predicted transmembrane helices: 9</p>	<p>TMHMM posterior probabilities for CrABCB6</p> <p>CrABCB6: Number of predicted transmembrane helices: 11</p>
<p>TMHMM posterior probabilities for CrABCB1₂</p> <p>CrABCB1_2: Number of predicted transmembrane helices: 9</p>	<p>TMHMM posterior probabilities for CrABCB7</p> <p>CrABCB7: Number of predicted transmembrane helices: 11</p>
<p>TMHMM posterior probabilities for CrABCB2</p> <p>CrABCB2: Number of predicted transmembrane helices: 6</p>	
<p>TMHMM posterior probabilities for CrABCB3</p> <p>CrABCB3: Number of predicted transmembrane helices: 11</p>	
<p>TMHMM posterior probabilities for CrABCB4</p> <p>CrABCB4: Number of predicted transmembrane helices: 7</p>	
<p>TMHMM posterior probabilities for CrABCB5</p> <p>CrABCB5: Number of predicted transmembrane helices: 5</p>	
<p>TMHMM posterior probabilities for CrABCB8</p> <p>CrABCB8: Number of predicted transmembrane helices: 5</p>	

ABCC Subfamily

Half-size Transporter	Full-size Transporter
 <p>CrABCC5: Number of predicted transmembrane helices: 6</p>	 <p>CrABCC1: Number of predicted transmembrane helices: 13</p>
	 <p>CrABCC2: Number of predicted transmembrane helices: 9</p>
	 <p>CrABCC3: Number of predicted transmembrane helices: 11</p>
	 <p>CrABCC4: Number of predicted transmembrane helices: 6</p>
	 <p>CrABCC6_1: Number of predicted transmembrane helices: 5</p>
	 <p>CrABCC6_2: Number of predicted transmembrane helices: 5</p>
	 <p>CrABCC7: Number of predicted transmembrane helices: 7</p>

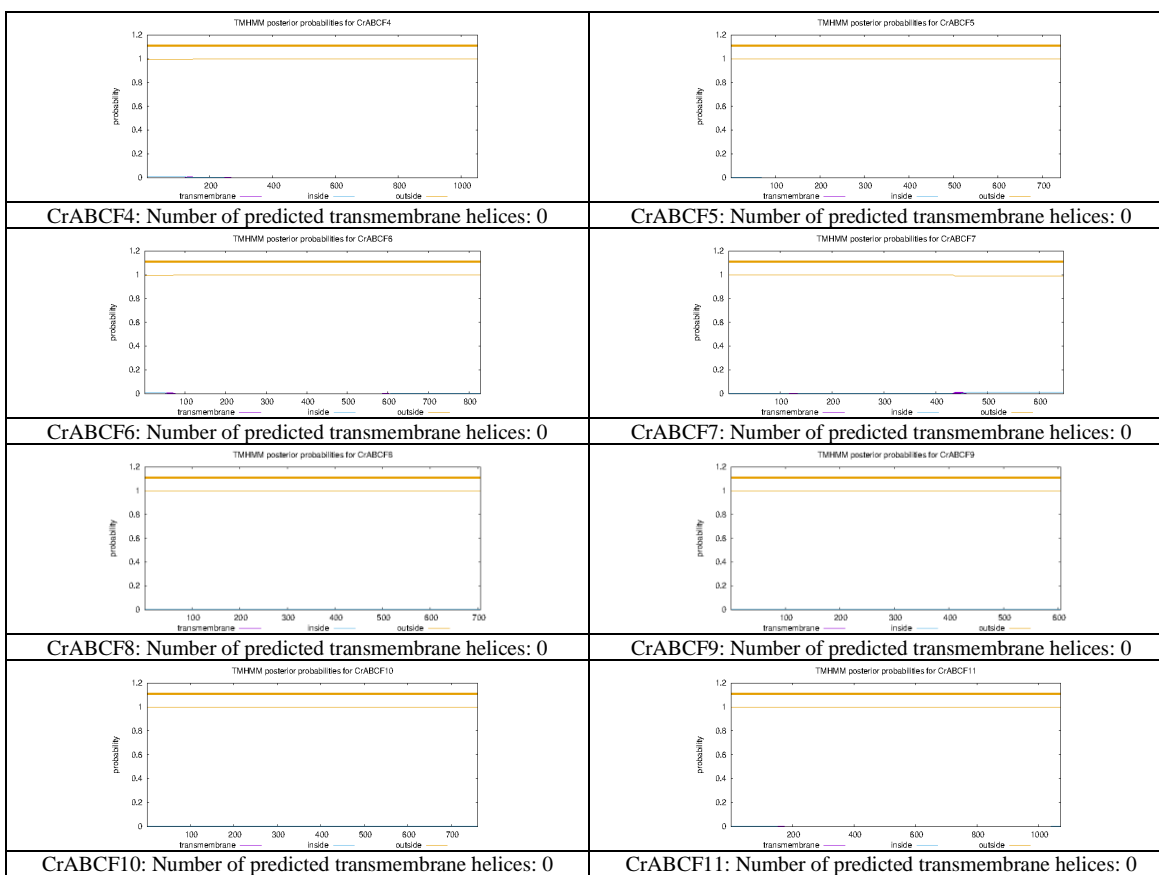
	 <p>TMHMM posterior probabilities for CrABCC8</p> <p>probability</p> <p>transmembrane inside outside</p> <p>200 400 600 800 1000 1200 1400</p>
	CrABCC8: Number of predicted transmembrane helices: 10
	 <p>TMHMM posterior probabilities for CrABCC9</p> <p>probability</p> <p>transmembrane inside outside</p> <p>500 1000 1500 2000 2500</p>
	CrABCC9: Number of predicted transmembrane helices: 8
	 <p>TMHMM posterior probabilities for CrABCC10</p> <p>probability</p> <p>transmembrane inside outside</p> <p>200 400 600 800 1000 1200 1400</p>
	CrABCC10: Number of predicted transmembrane helices: 11

ABCD Subfamily

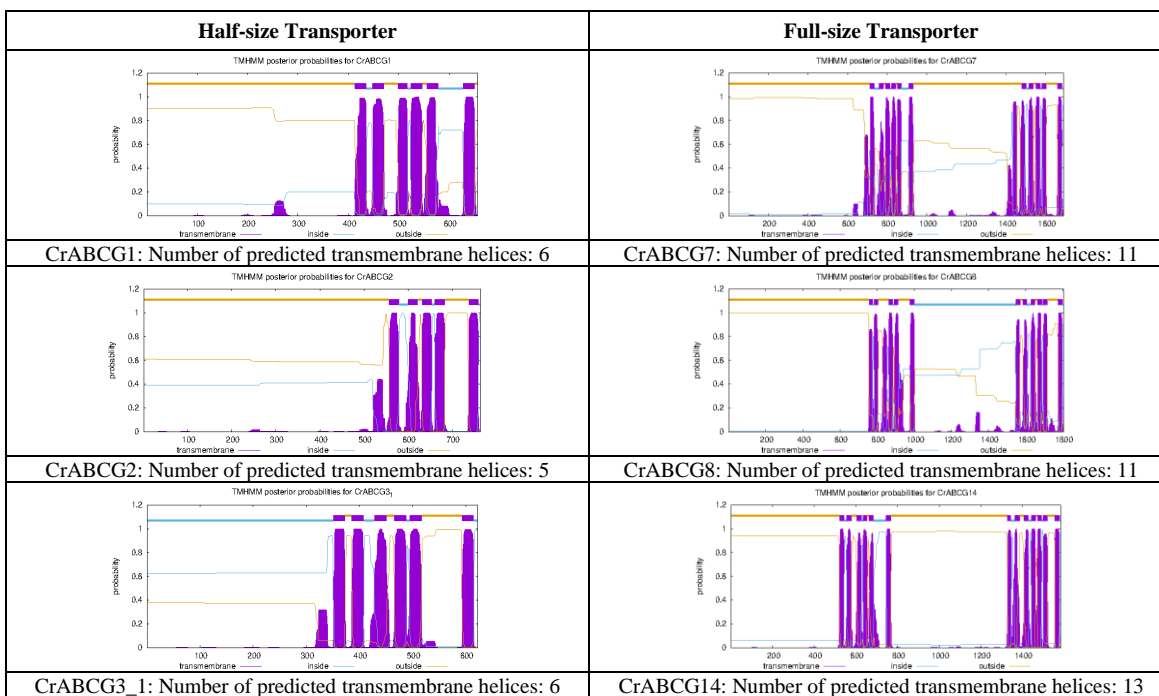
Half-size Transporter	Full-size Transporter
<p>TMHMM posterior probabilities for CrABCD1</p>	
CrABCD1: Number of predicted transmembrane helices: 3	
<p>TMHMM posterior probabilities for CrABCD2</p>	
CrABCD2: Number of predicted transmembrane helices: 3	
<p>TMHMM posterior probabilities for CrABCD3₂</p>	
CrABCD3_2: Number of predicted transmembrane helices: 0	
<p>TMHMM posterior probabilities for CrABCD3₁</p>	
CrABCD3_1: Number of predicted transmembrane helices: 0	
<p>TMHMM posterior probabilities for CrABCD3₃</p>	
CrABCD3_3: Number of predicted transmembrane helices: 0	

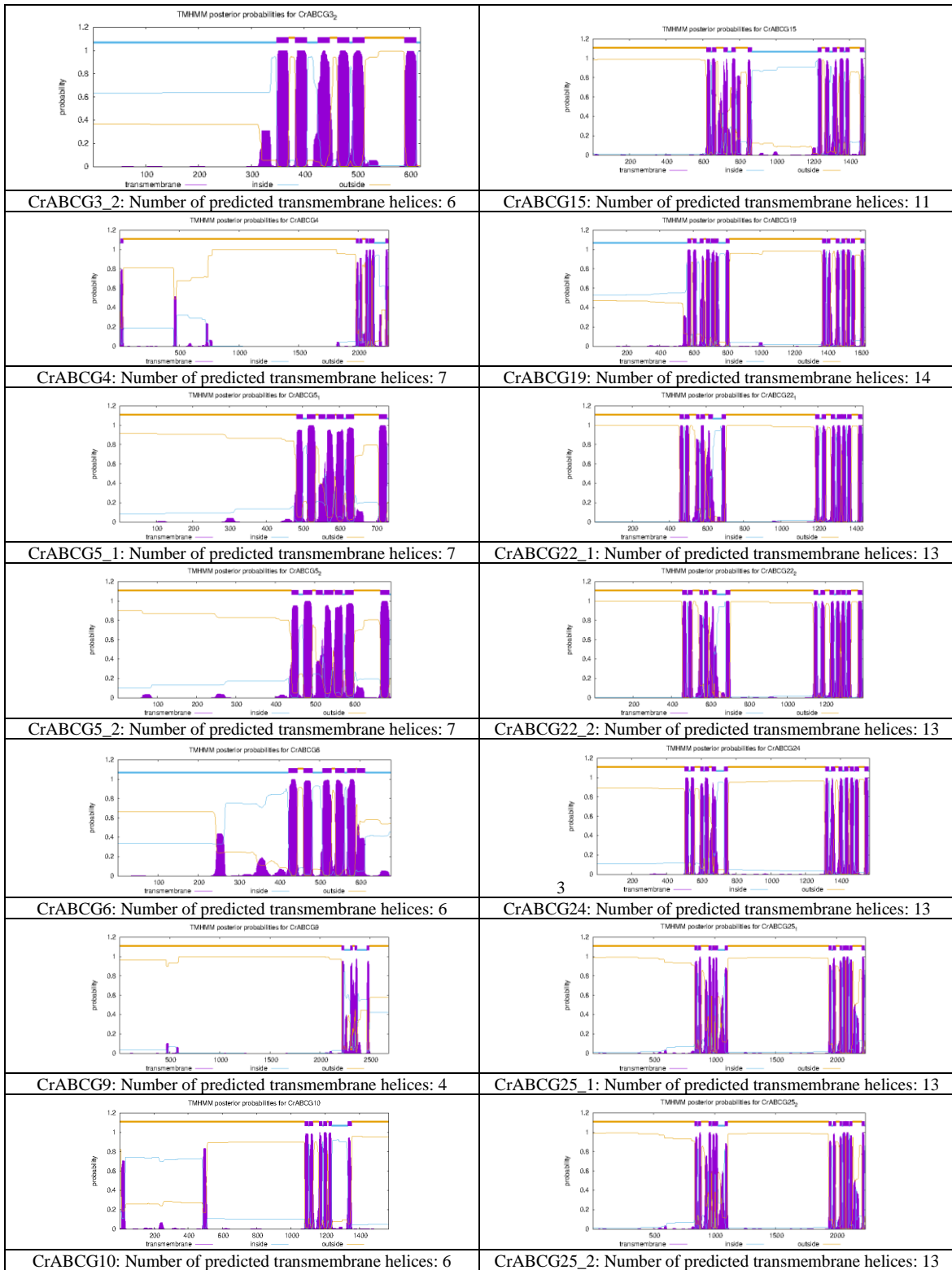
ABCE/F Subfamily

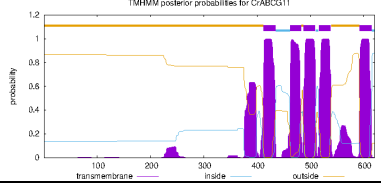
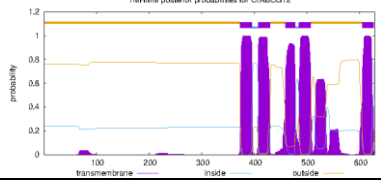
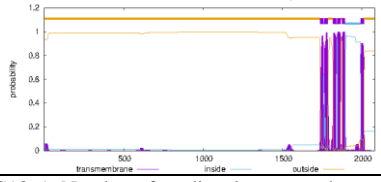
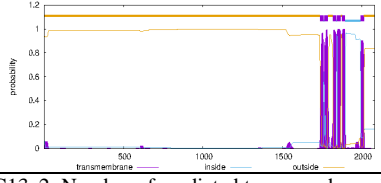
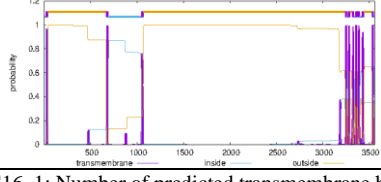
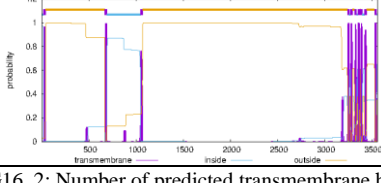
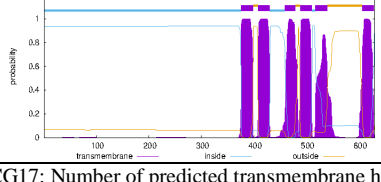
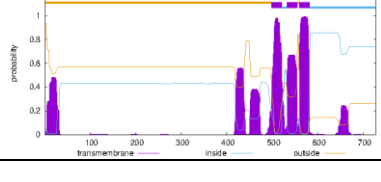
<p>TMHMM posterior probabilities for CrABCE</p>	<p>TMHMM posterior probabilities for CrABCF1</p>
CrABCE: Number of predicted transmembrane helices: 0	CrABCF1: Number of predicted transmembrane helices: 0
<p>TMHMM posterior probabilities for CrABCF2</p>	<p>TMHMM posterior probabilities for CrABCF3</p>
CrABCF2: Number of predicted transmembrane helices: 0	CrABCF3: Number of predicted transmembrane helices: 0



ABCG Subfamily





	
<p>CrABCG11: Number of predicted transmembrane helices: 5</p>	
	
<p>CrABCG12: Number of predicted transmembrane helices: 5</p>	
	
<p>CrABCG13_1: Number of predicted transmembrane helices: 6</p>	
	
<p>CrABCG13_2: Number of predicted transmembrane helices: 6</p>	
	
<p>CrABCG16_1: Number of predicted transmembrane helices: 10</p>	
	
<p>CrABCG16_2: Number of predicted transmembrane helices: 10</p>	
	
<p>CrABCG17: Number of predicted transmembrane helices: 6</p>	
	

CrABCG18: Number of predicted transmembrane helices: 3	
CrABCG20: Number of predicted transmembrane helices: 12	
CrABCG21_1: Number of predicted transmembrane helices: 7	
CrABCG21_2: Number of predicted transmembrane helices: 7	
CrABCG23: Number of predicted transmembrane helices: 7	
CrABCG26: Number of predicted transmembrane helices: 7	

ABCI Subfamily

CrABCI1: Number of predicted transmembrane helices: 0	CrABCI2: Number of predicted transmembrane helices: 0
CrABCI3: Number of predicted transmembrane helices: 0	CrABCI4: Number of predicted transmembrane helices: 0

