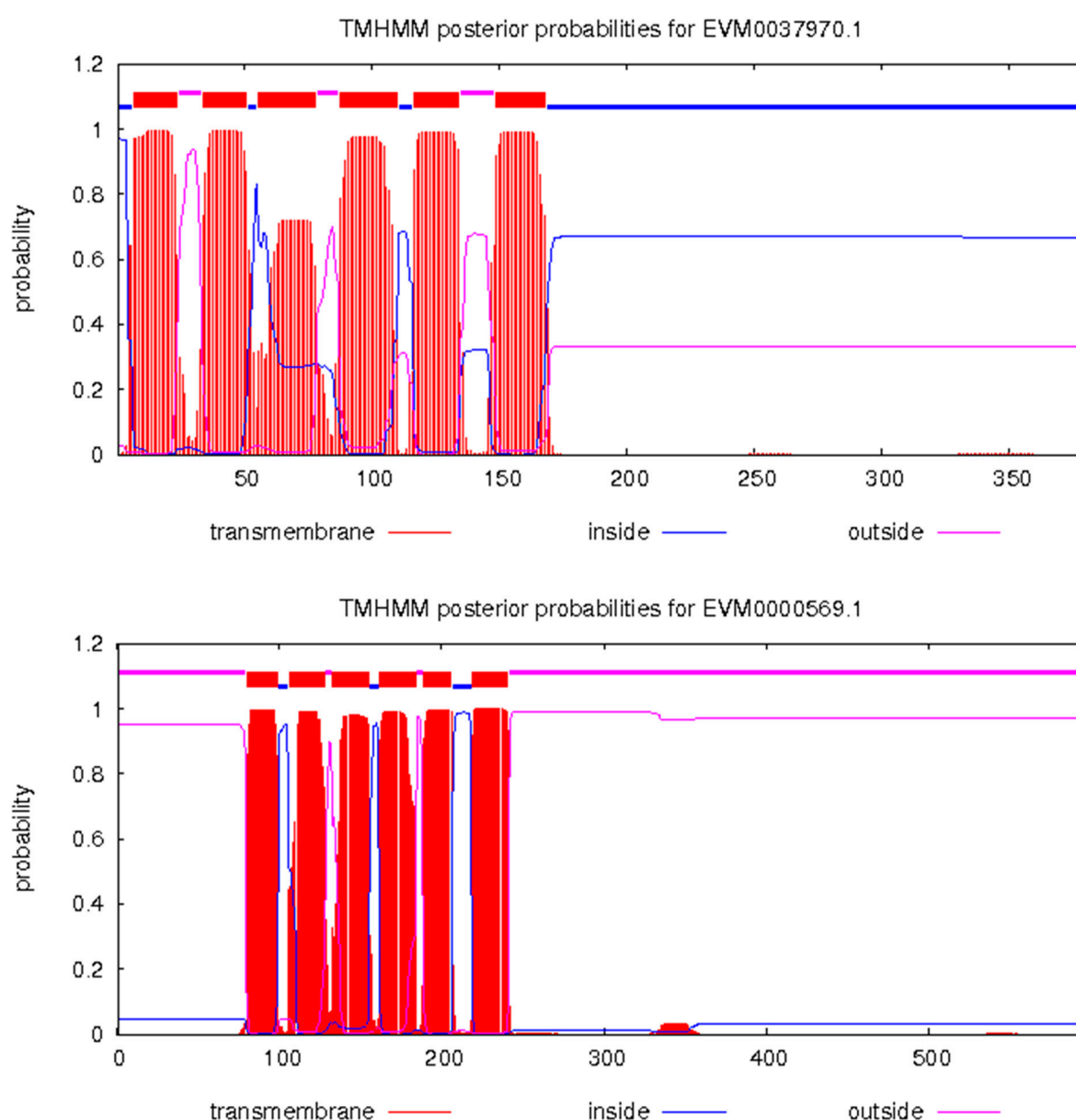
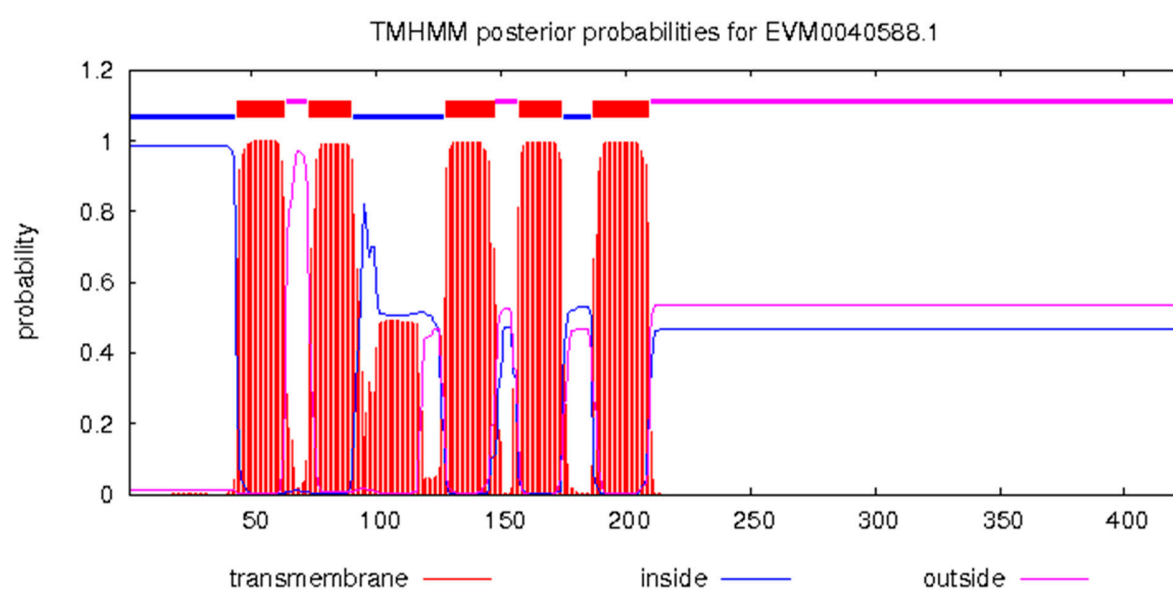
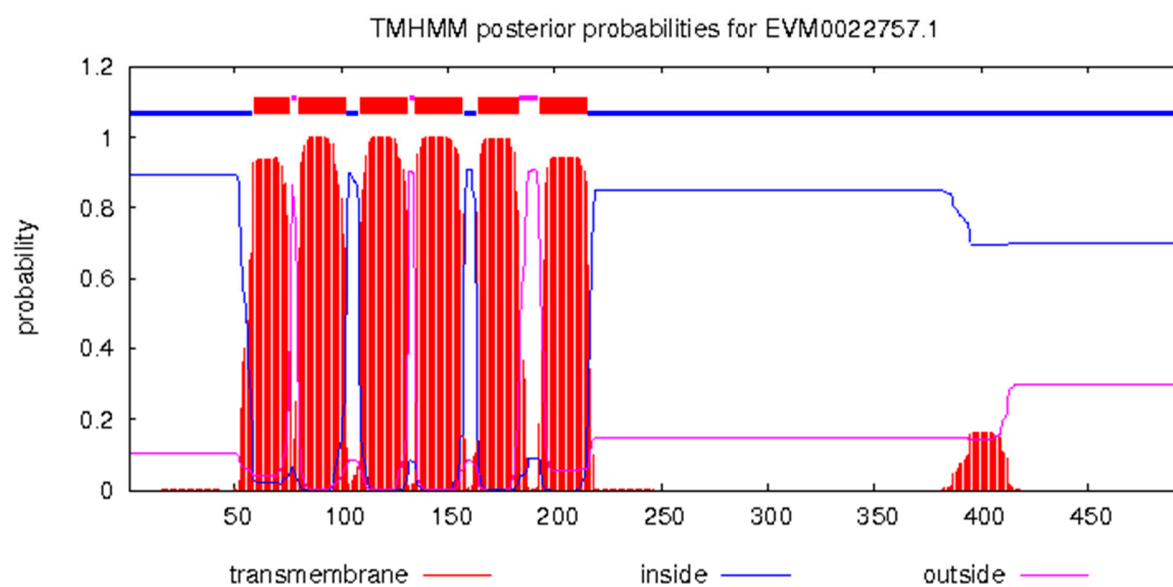


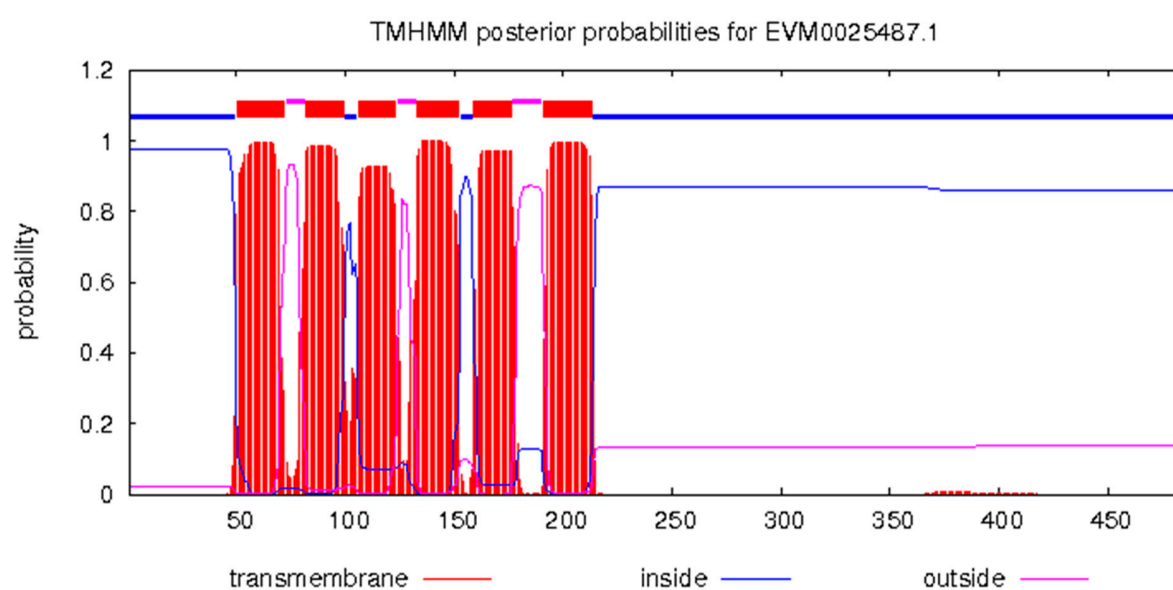
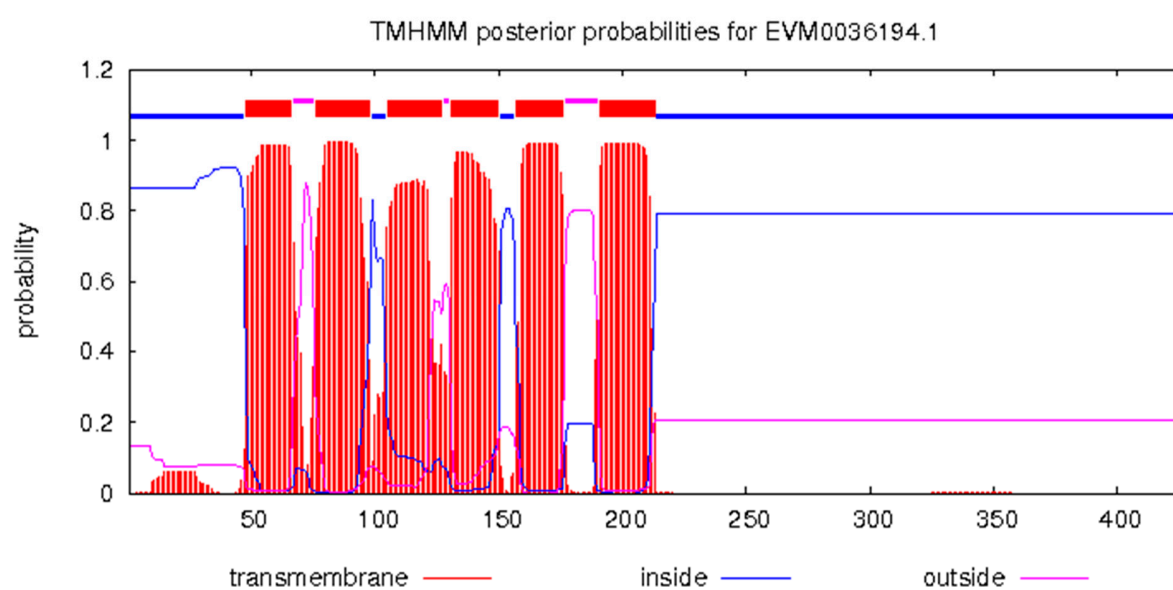
## Article

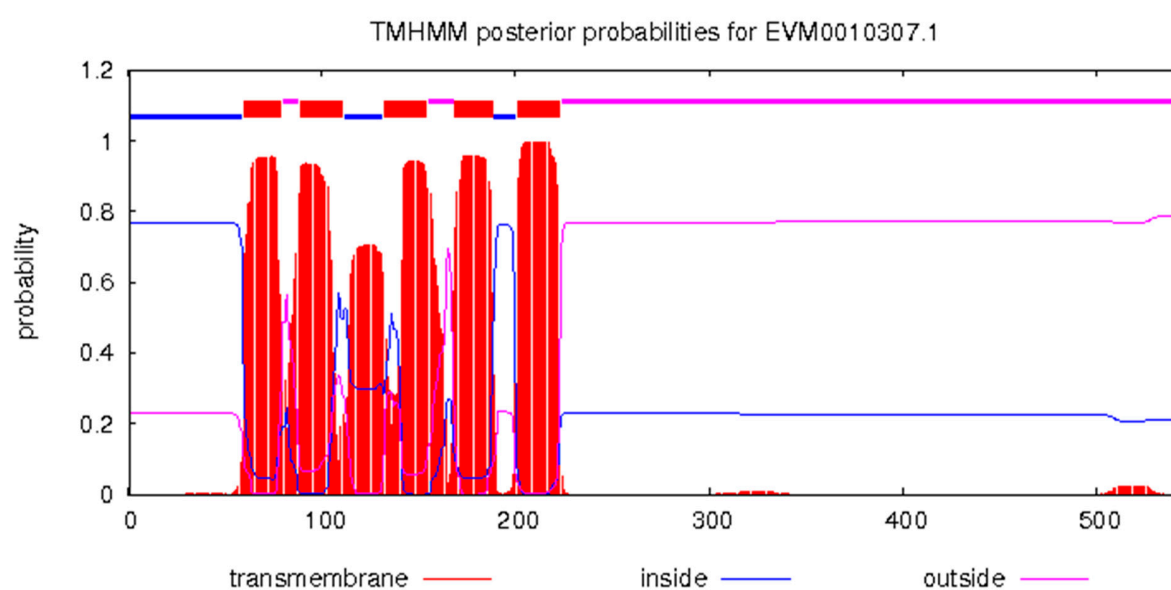
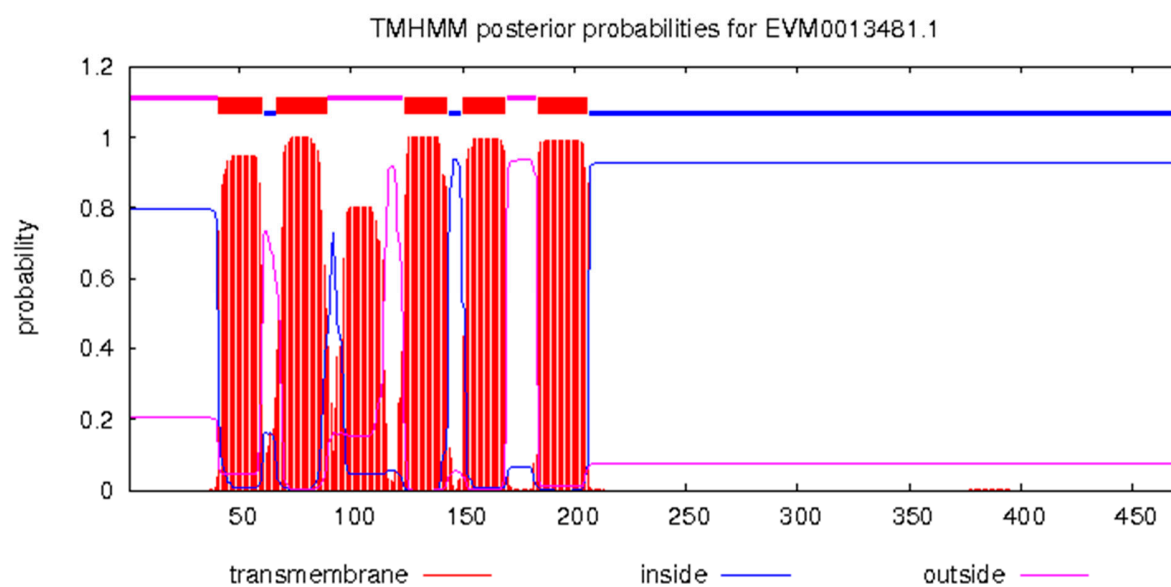
# Supplementary Materials: Genome-Wide Identification, Characterization and Expression Profiling of Aluminum-Activated Malate Transporters in *Eriobotrya japonica* Lindl.

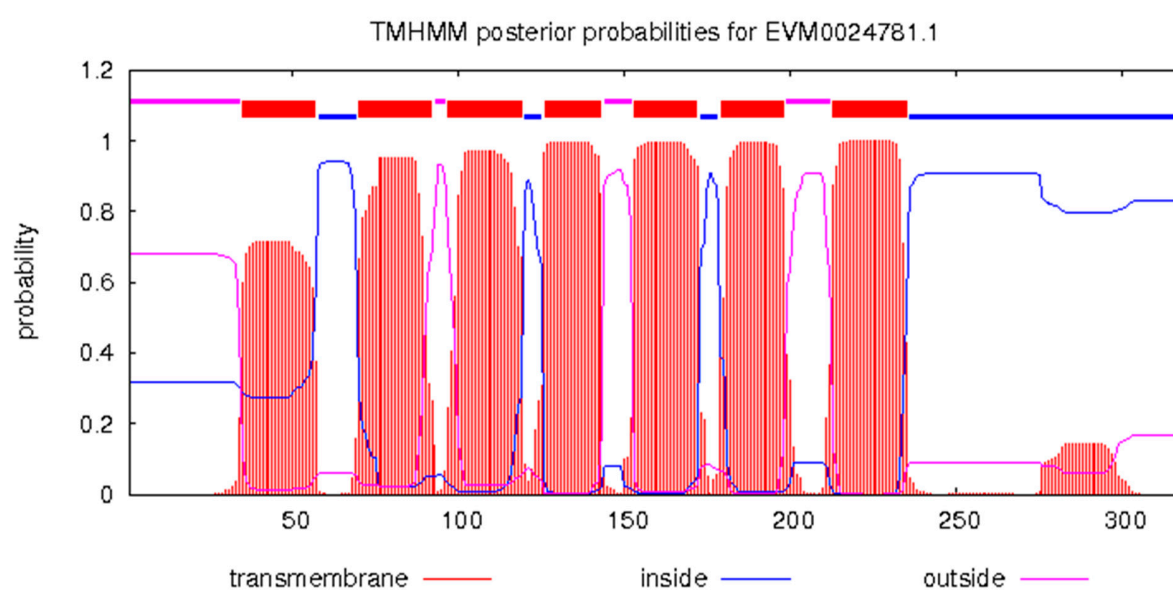
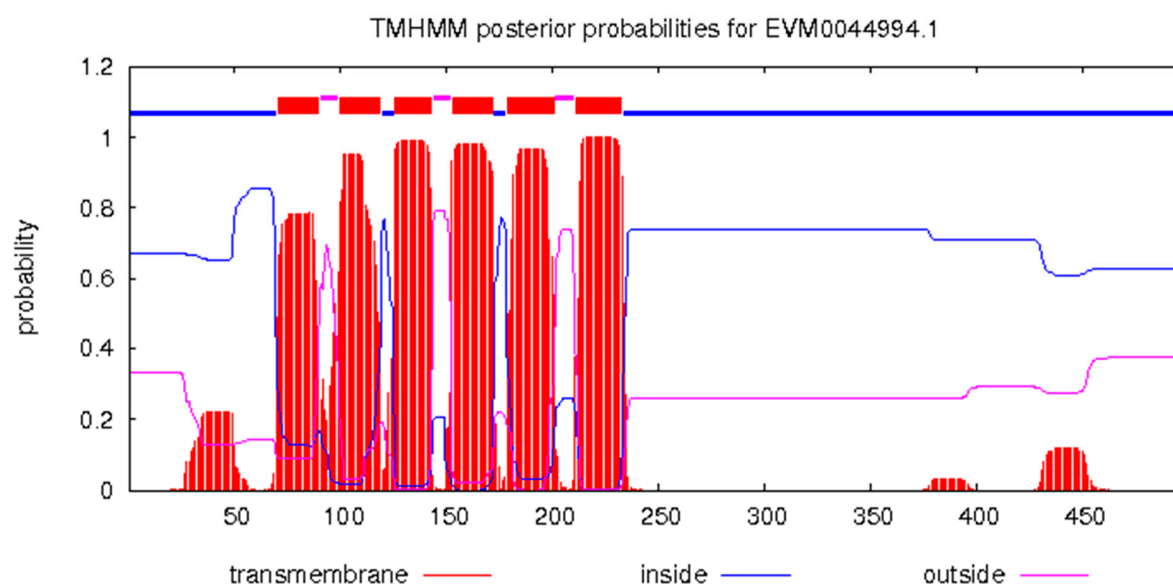
Muhammad Moaaz Ali <sup>1</sup>, Shariq Mahmood Alam <sup>2</sup>, Raheel Anwar <sup>3</sup>, Sajid Ali <sup>4</sup>, Meng Shi <sup>1</sup>, Dangdi Liang <sup>1</sup>, Zhimin Lin <sup>5,\*</sup> and Faxing Chen <sup>1,\*</sup>

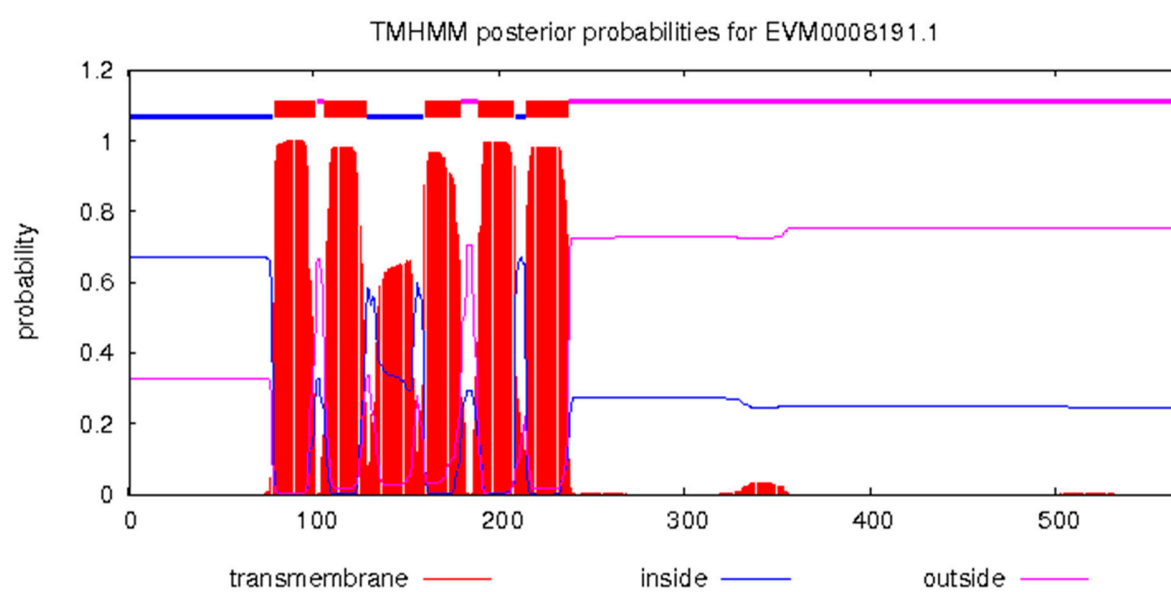
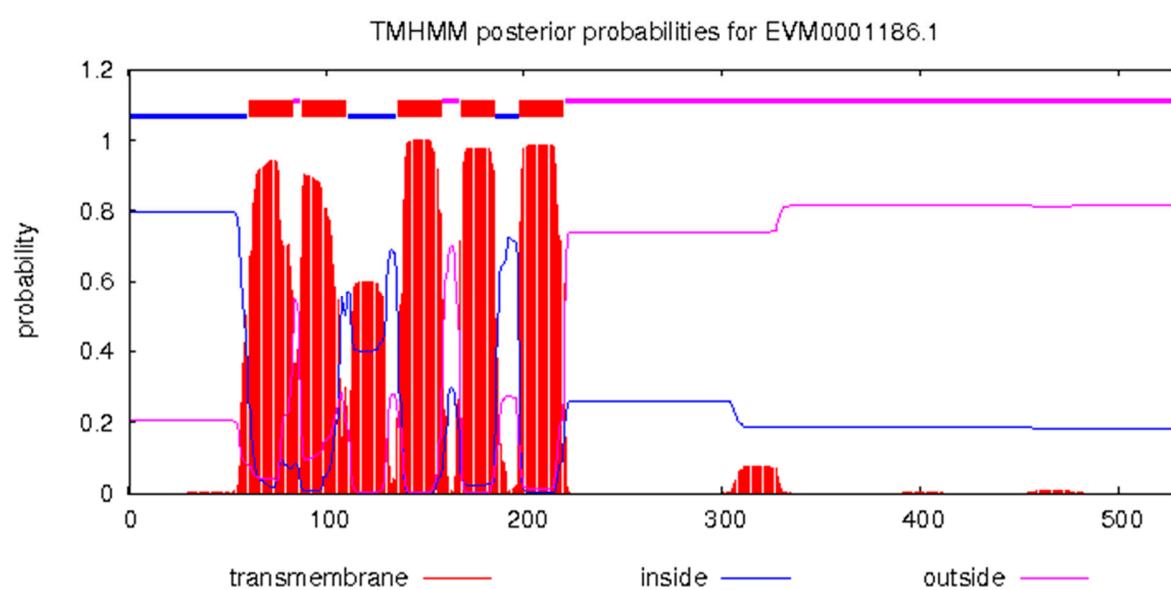


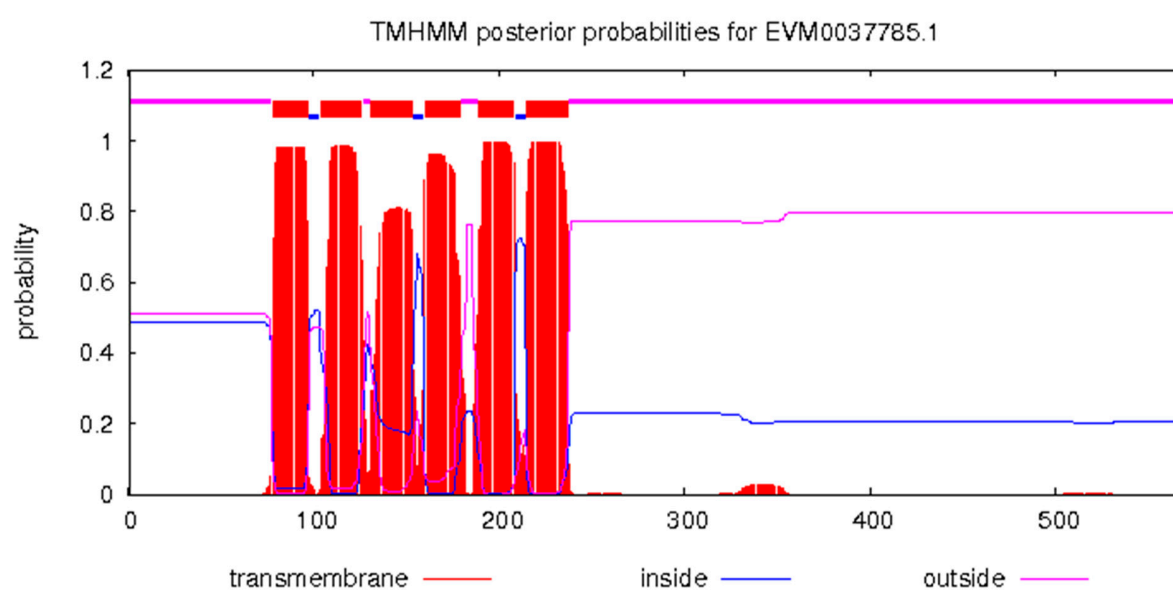
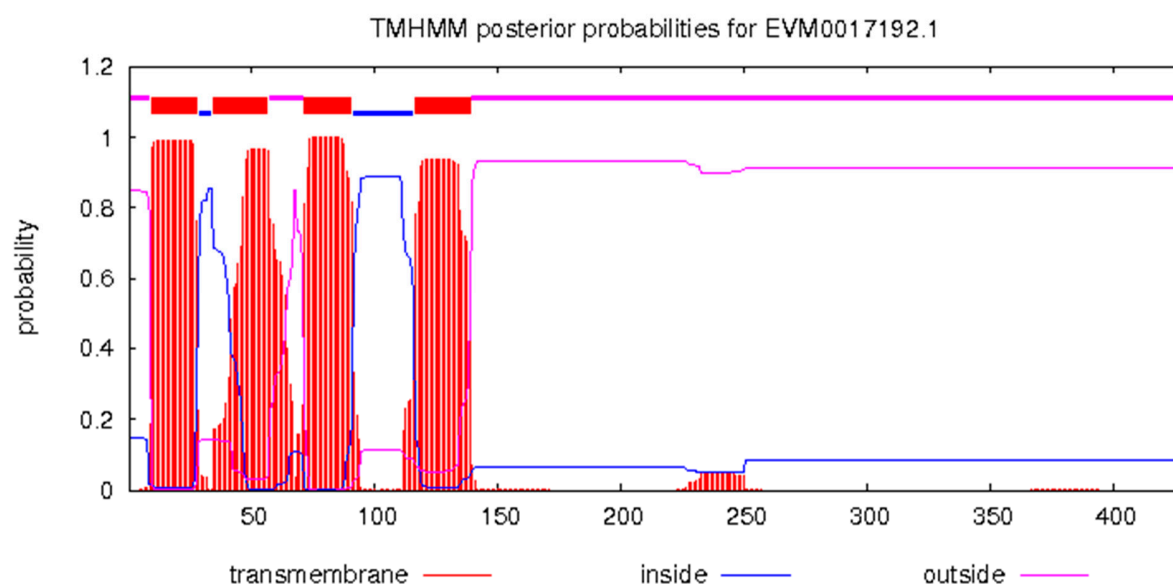


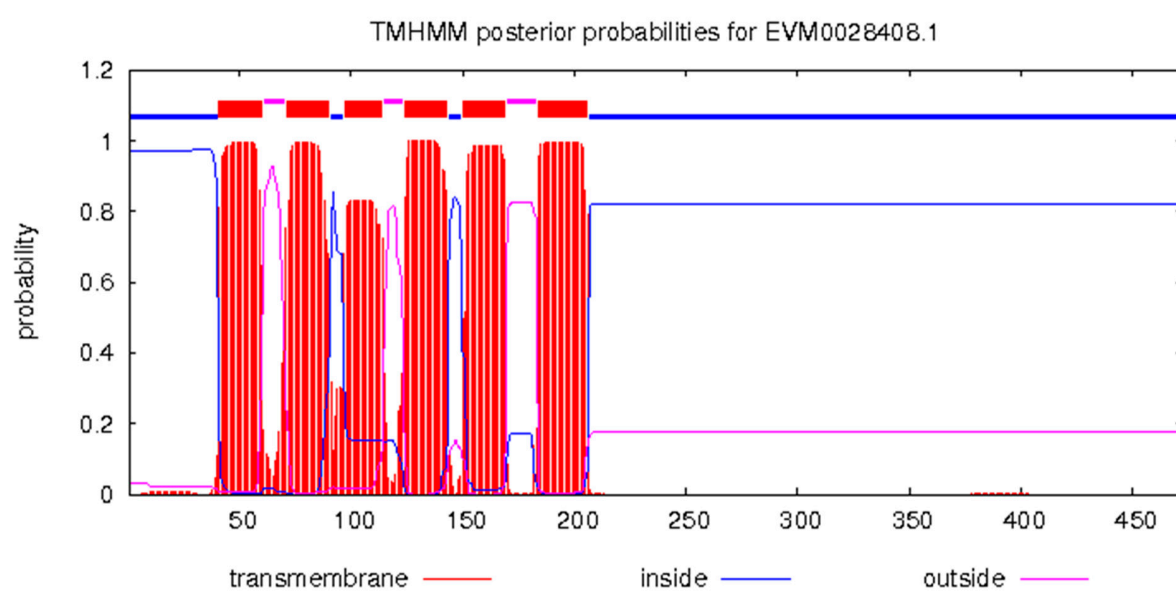
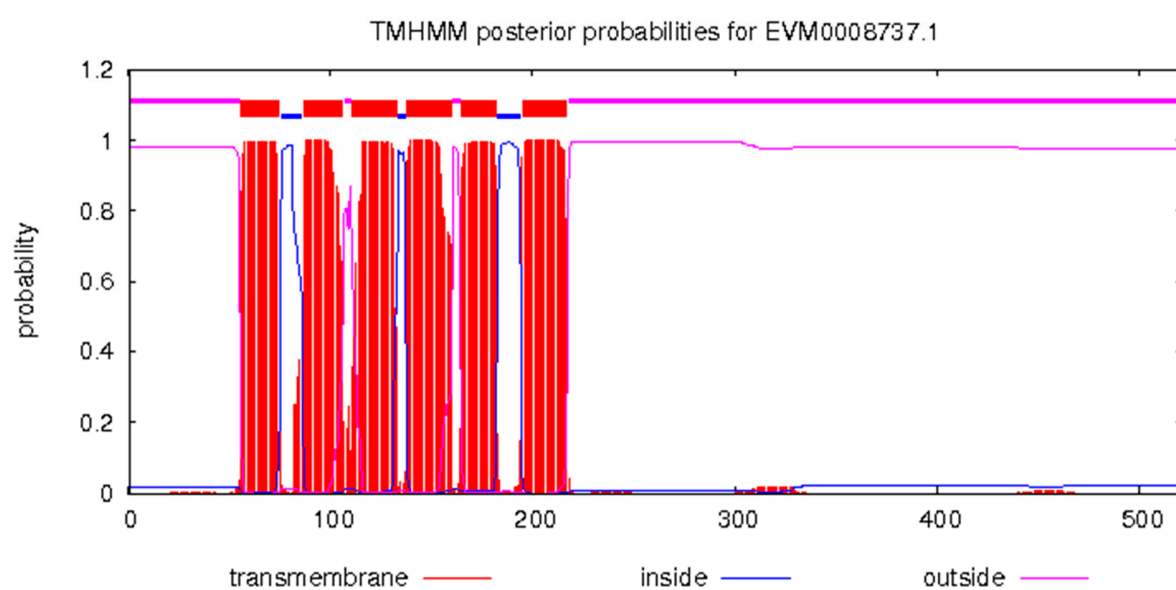




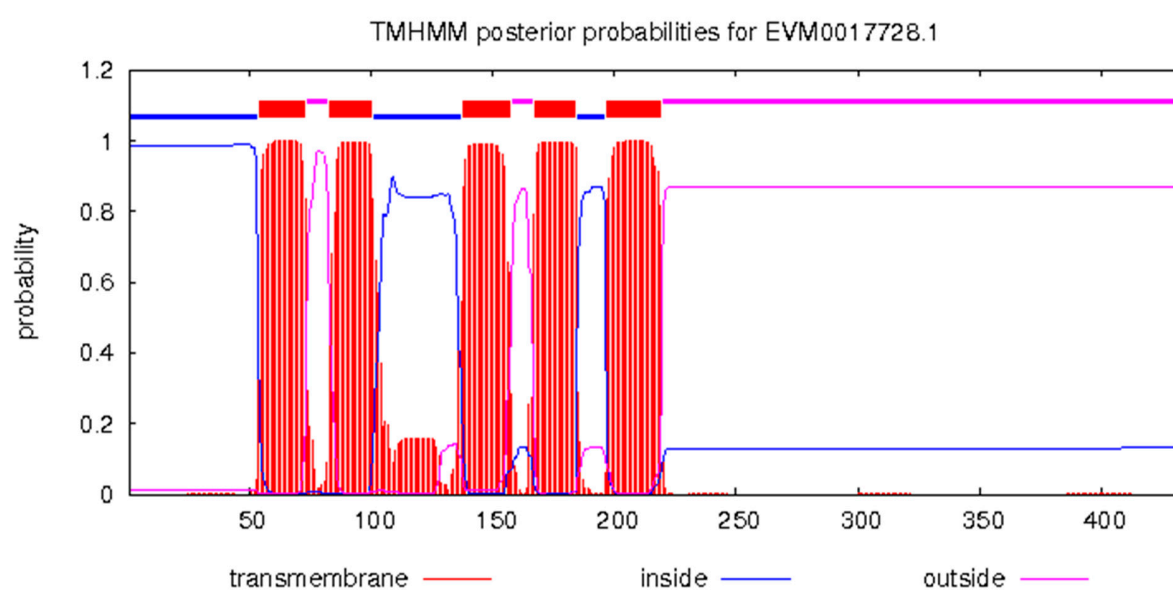
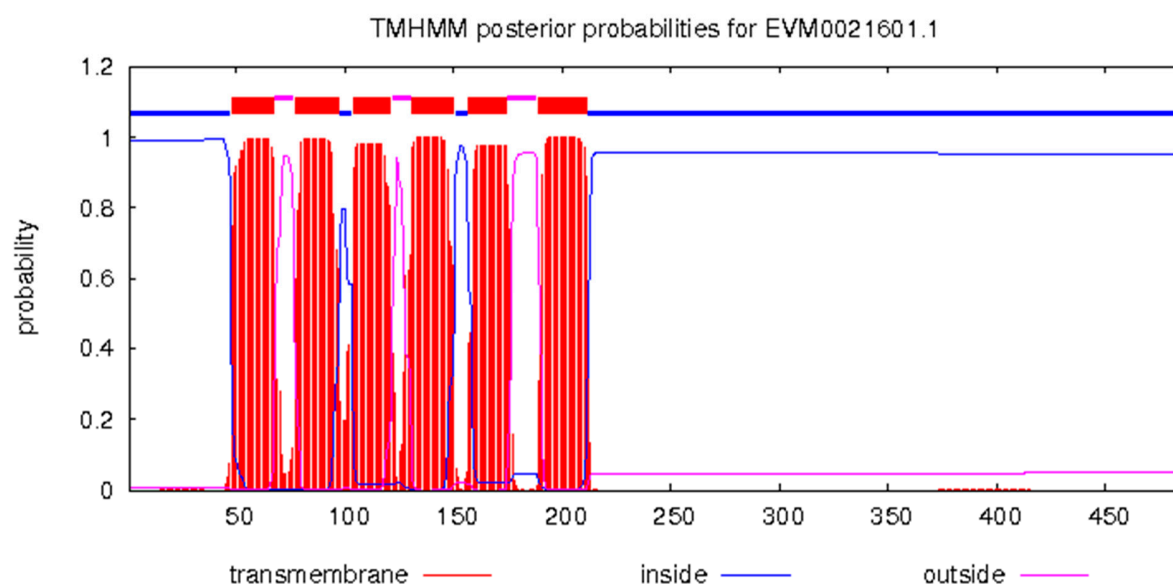


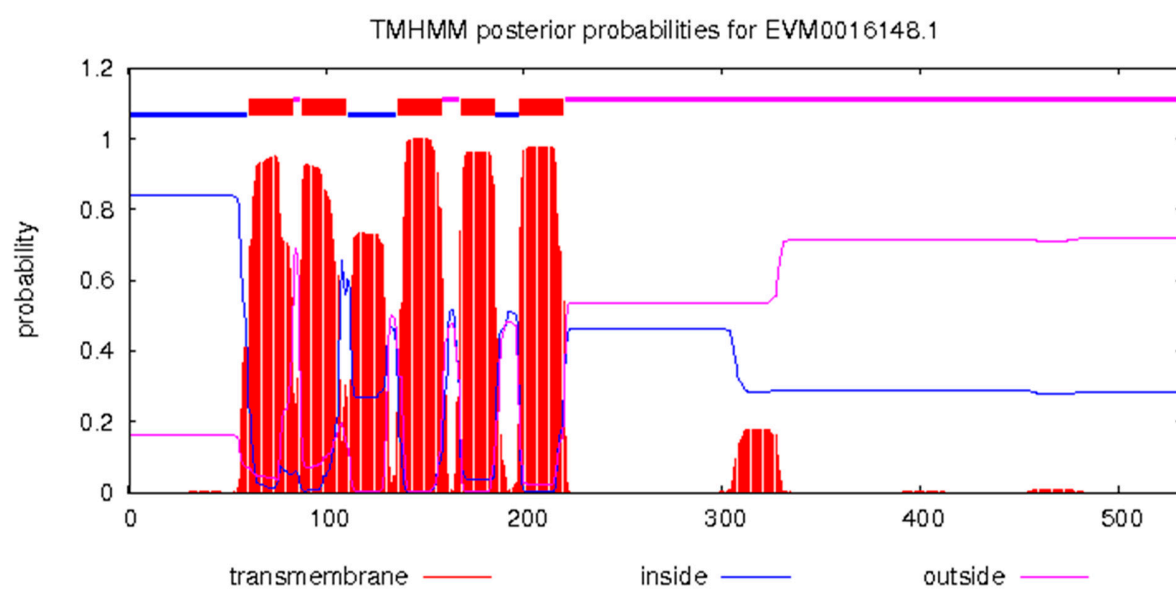
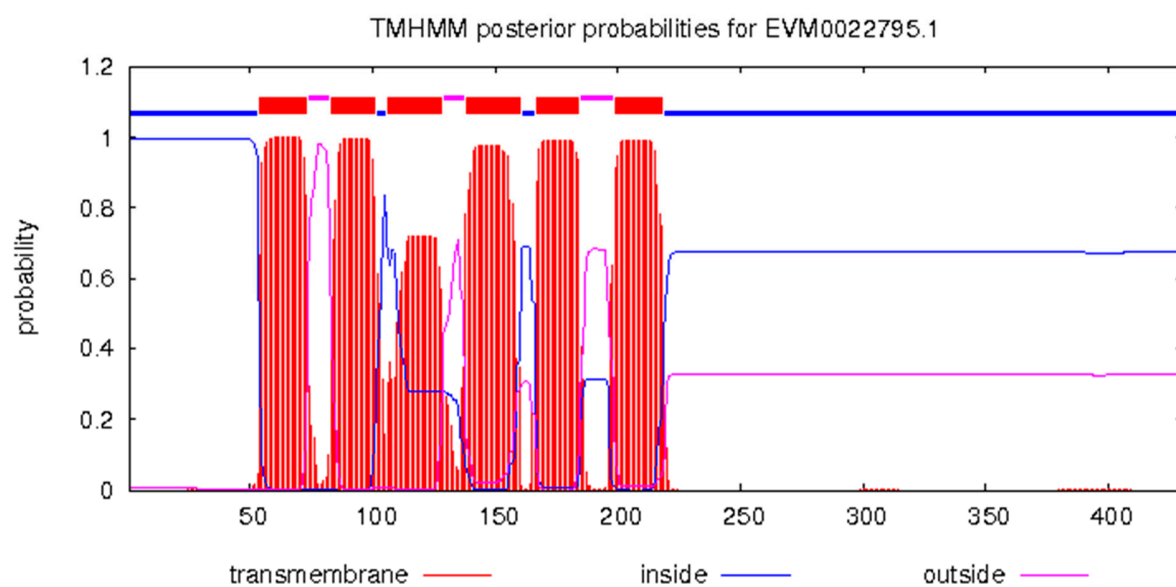


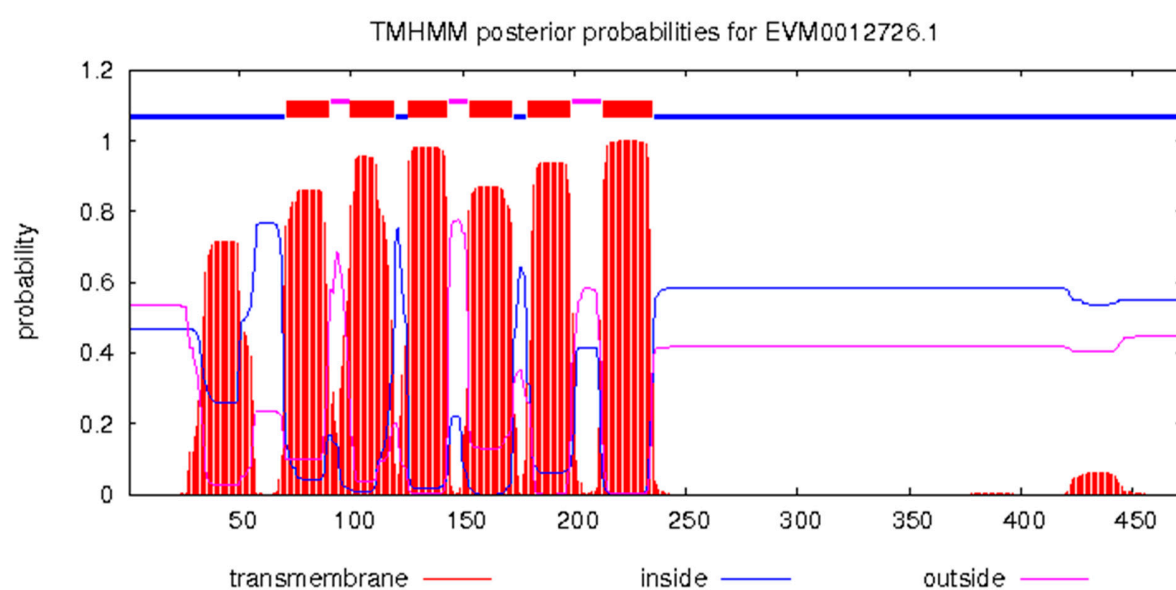
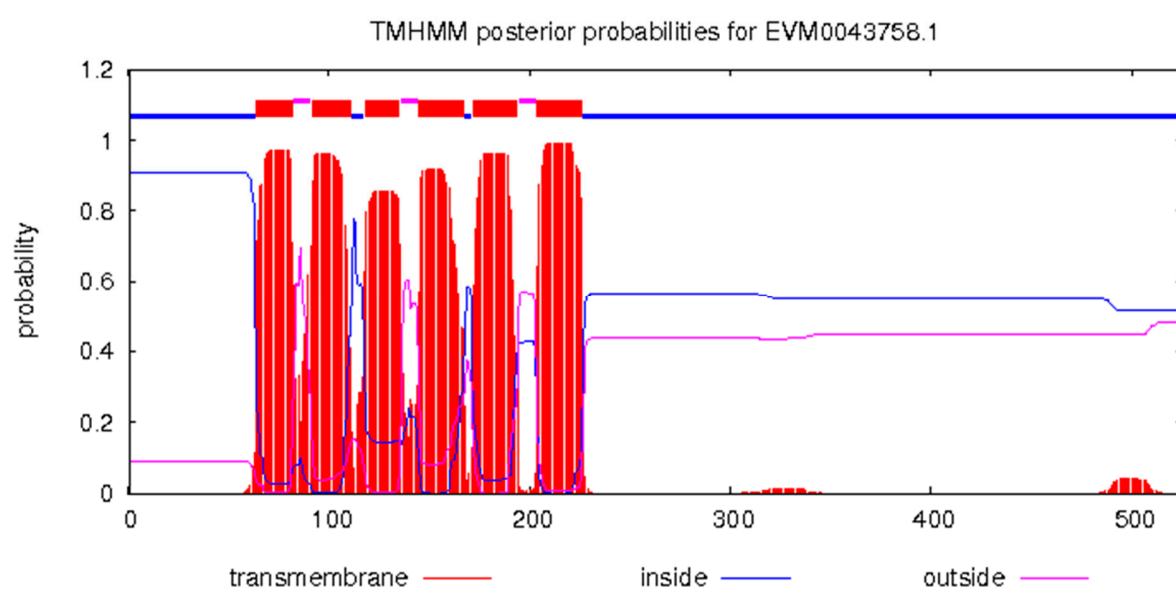


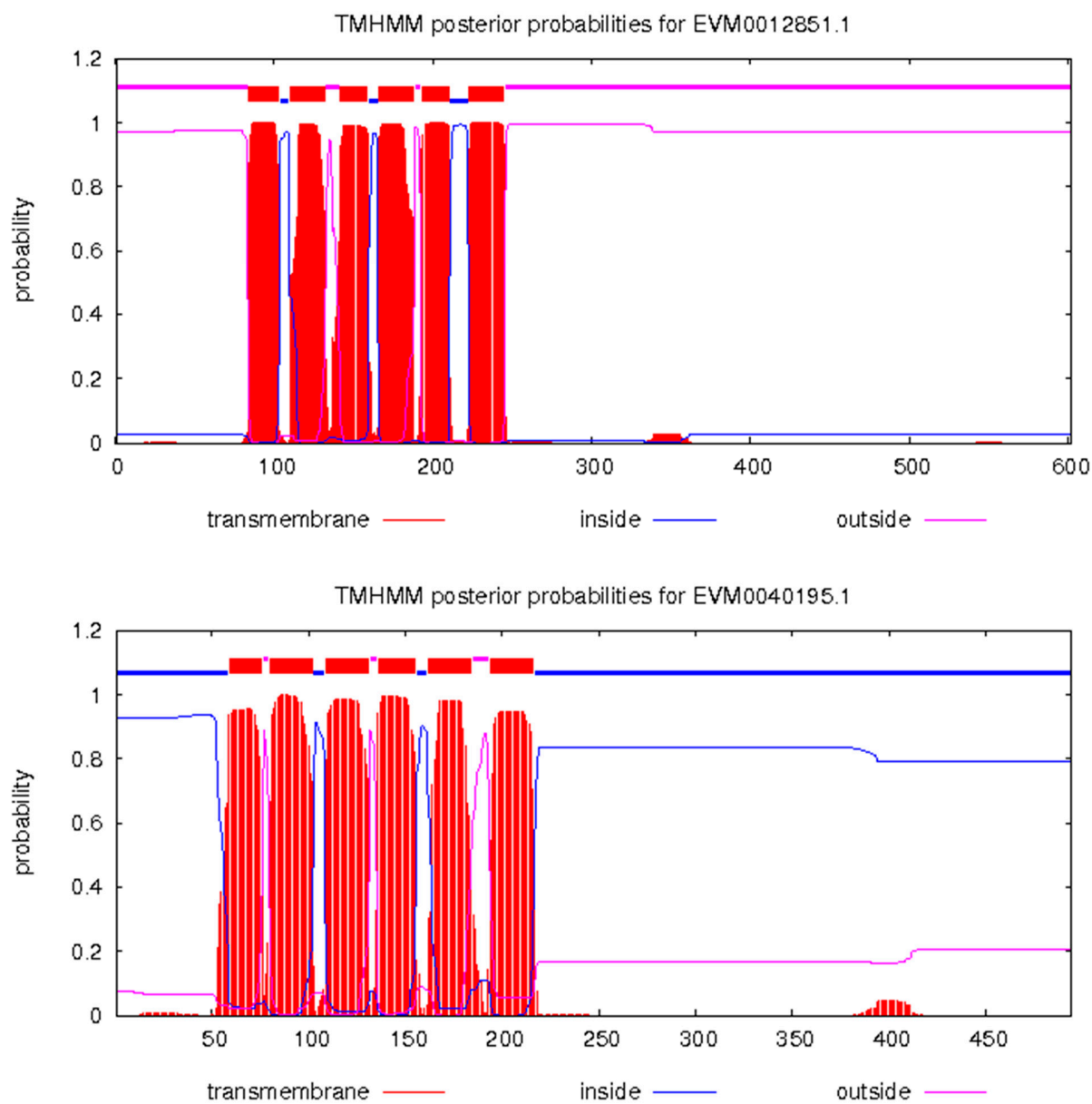












**Figure S1.** The predicted transmembrane structures of *EjALMT* genes.

**Table S1.** Summary of the information about transmembrane helices of EjALMT proteins.

| Gene ID      | Length (AAs) | Expected AAs | First 60 | Predicted helices |
|--------------|--------------|--------------|----------|-------------------|
| EVM0037970.1 | 380          | 115.04       | 40.59    | 6                 |
| EVM0000569.1 | 597          | 123.83       | 0.00     | 6                 |
| EVM0022757.1 | 494          | 130.32       | 4.71     | 6                 |
| EVM0040588.1 | 423          | 111.87       | 16.55    | 5                 |
| EVM0036194.1 | 426          | 121.96       | 13.60    | 6                 |
| EVM0025487.1 | 484          | 121.26       | 10.78    | 6                 |
| EVM0013481.1 | 472          | 118.15       | 18.18    | 5                 |
| EVM0010307.1 | 544          | 116.12       | 0.94     | 5                 |
| EVM0044994.1 | 497          | 124.78       | 4.59     | 6                 |
| EVM0024781.1 | 318          | 139.29       | 15.87    | 7                 |
| EVM0001186.1 | 532          | 114.11       | 1.66     | 5                 |
| EVM0008191.1 | 568          | 119.09       | 0.00     | 5                 |
| EVM0017192.1 | 428          | 82.64        | 36.24    | 4                 |
| EVM0037785.1 | 568          | 120.29       | 0.00     | 6                 |
| EVM0008737.1 | 521          | 124.24       | 4.88     | 6                 |
| EVM0028408.1 | 472          | 118.71       | 19.42    | 6                 |
| EVM0021601.1 | 485          | 121.82       | 12.55    | 6                 |
| EVM0017728.1 | 433          | 104.91       | 6.61     | 5                 |
| EVM0022795.1 | 430          | 115.73       | 6.67     | 6                 |
| EVM0016148.1 | 532          | 119.03       | 1.55     | 5                 |
| EVM0043758.1 | 525          | 120.26       | 0.02     | 6                 |
| EVM0012726.1 | 472          | 132.02       | 15.49    | 6                 |
| EVM0012851.1 | 602          | 124.31       | 0.02     | 6                 |
| EVM0040195.1 | 494          | 125.81       | 4.79     | 6                 |