Additional file 6. Sequence and hydrophobicity conservation among *Aedes aegypti* vitelline membrane proteins. A) Full length protein sequences were submitted to MEME [http://meme.nbcr.net/meme/cgi-bin/meme.cgi](http://meme.nbcr.net/meme/cgi-bin/meme.cgi) and a conserved motif 30 amino acids in length was discovered. B) Multiple alignment of the sequence motif constructed at PRALINE [http://www.ibi.vu.nl/programs/pralinewww/](http://www.ibi.vu.nl/programs/pralinewww/) provides additional support for the conservation. C) The hydrophobicity patterns of the six vitelline membrane proteins were predicted at [http://web.expasy.org/cgi-bin/protscale/protscale.pl](http://web.expasy.org/cgi-bin/protscale/protscale.pl) using the Hphob. / Kyte & Doolittle option. Bars were inserted in the graphs to indicate the positions of the conserved motif displayed in A and B.