

**Supplementary Table 1: Members of the TLR4 pathway.** Putative targets for miR-200b and miR-200c associated with the MyD88-dependent and MyD88-independent pathways and their Context Score values. Predictions were based upon TargetScan ([www.targetscan.org](http://www.targetscan.org)) and miRanda ([www.microRNA.org](http://www.microRNA.org)). TargetScan lists a context score based upon the seed region, with a more negative score indicating a more perfect match <sup>52</sup>. Predictions for miR-200b and miR-200c are the same, and therefore listed together. \* Analysis of the IRAK1 3'UTR revealed a 7bp exact complementary sequence match to the miR-200b and miR-200c seed sequence, even though IRAK1 was not a predicted target in TargetScan version 6.0.

Gene	miR-200b and miR-200c (context score)	miR-200a (context score)	Gene	miR-200b and miR-200c (context score)	miR-200a (context score)
TLR4	Yes (-0.18)	No (NA)	TAK1	No (N/A)	Yes (-0.13)
MyD88	Yes (-0.18)	No (NA)	TRIF	No (NA)	No (NA)
TRAF6	Yes (-0.19)	No (NA)	TRAM	No (NA)	No (NA)
IRAK1	Yes* (NA)	No (NA)	IRF3	No (NA)	No (NA)
TAB3	Yes (-0.37)	No (NA)			