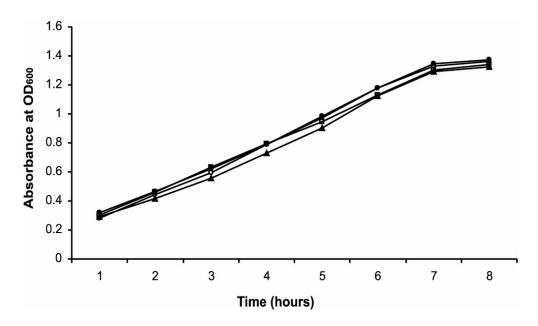
Figure S3: Growth curves of mutant *N. meningitidis* strains



Growth curves were performed for MC58 ( $\bigcirc$ ),  $\triangle nexo$  ( $\bigcirc$ ),  $\triangle nape$  ( $\triangle$ ) and  $\triangle nexo \triangle nape$  strains ( $\square$ ). There was no difference in growth between strains as determined by measurement of optical density of cultures. Experiments were repeated three times, and a representative data set is shown.