



Fig. S2 Vacuoles containing the *sidK* deletion mutant maintain a neutral luminal pH. Mouse macrophages were infected with indicated *L. pneumophila* strains for 2 hours and vacuolar pH of the phagosomes was measured as described in Materials and Methods (**A**). The integrity of the internalized bacteria also was examined (**B**). More than 50 vacuoles were scored for each coverslip. Similar results were obtained in two independent experiments.