



**Figure S7. Duration of the initial phases of valve formation.**

The duration of the two initial periods of valve formation was determined from cells grown at different pHs. **(A)** Length of the exponential phase ( $t_{Exp}$ ). **(B)** Length of the decay phase ( $t_{Dec}$ ). The data that correspond to 3 to 9 independent experiments were extracted from the recording of 8 to 92 individual cell kinetics.