

**Table S2. Calibrated input rates  $\lambda_{\text{in}}$  for the different migration mode parameter configurations of AM.**

$\lambda_{\text{in}}$ [ $\text{min}^{-1}$ ]		$v$ [ $\mu\text{m}/\text{min}$ ]				
		2	4	6	8	10
$t_{\text{p}}$ [min]	0.5	0.0056	0.01125	0.01675	0.021875	0.0275
	1	0.005725	0.01125	0.01675	0.0225	0.0275
	2	0.005725	0.0115	0.01725	0.0225	0.028
	4	0.006	0.0115	0.01725	0.0225	0.028