

S6 Table. Variances of filter posterior: EGF pathway model.

	Variance
$\mu_p$	0.00005
$\sigma_p$	0.0001
$\mu_{k_{\text{on}}}$	0.00006
$\sigma_{k_{\text{on}}}$	0.00004
$\mu_{k_{\text{deg},r}}$	0.0000008
$\mu_{k_{\text{deg},a}}$	0.000002