



Figure S7: **Immunity growing during adaptive treatment over a range of Ω and σ .** We plot how total immunity changes during simulations of adaptive treatment with $\Omega > k$, (blue lines) and superimpose the dynamics approximated by Equation 20 in the paper, in red. There is a clear match between the two, confirming the validity of this approximation. The range for Ω is $[10^5, 10^6]$, while the rate of immune growth σ varies in $[2, 4]$. Parameters as in Table 1.