S Fig 12. Heatmaps describing the magnitude of the single response pulse behaviour for various values of \( p_{\text{prod}} \) and \( p_{\text{frac}} \). Each heatmap describes the behaviour’s magnitude as the parameters \( k_{D5} \) (x-axis) and \( k_{B5} \) (y-axis) are varied. A total of 36 heatmaps are plotted and placed in a 6x6 grid for a range of values of \( p_{\text{prod}} \) and \( p_{\text{frac}} \). Only for one value of \( p_{\text{prod}} \) do changes in the other parameters have a major effect on the behaviour’s magnitude. Parameter values and other details on simulation conditions for this figure are described in S5 Table.