**FIGURE S3** Dependence of heritability and log recurrence risk ratio on $\mu_{x,0\to1}$, the epimutation rate in environment $x$, for Case 1 ($\mu_{x,1\to0} = \mu_{y,1\to0} = 0.5$). The horizontal axis is the value of $\mu_{x,0\to1}$, and the vertical axis is either $\ln(\lambda)$ or heritability in the left panel, and prevalence ($K$) in the right panel. For both panels, the other parameter values are $\mu_{y,0\to1} = 0.05$, $\mu_{x,1\to0} = \mu_{y,1\to0} = 0.5$, $\alpha = 0$, $r = 0.5$, $\delta = 1$, $m = 0.5$, $e = 0.1$, and $a = 0.5$. 