**Figure S7.** Effect of temporal variability in migration rate in the adaptive introgression model. The proportional diversity after introgression from *d* (donor species) to *r* (recipient species), $H_{e_r}/H_{e_d}$, is shown as a function of the scaled migration rate, $M$. Green dots indicate a constant migration rate every generation ($M=2Nm$). Blue dots refer to a pulsed migration regime in which $M=10*2Nm$ every 10 generations, otherwise $M=0$; so that on average $M=2Nm$. Error bars represent standard deviation calculated over 1,000 replicates. Median values are depicted by dots. Other parameters were set at: $N = 10000$, $\theta = 2$, $\alpha = 1000$ and $n_{r} = n_{d} = 50$ (sample size). Simulations were run until the beneficial allele reached fixation in the recipient background.