Figure S1. The metabolic cost function for muscle, $F_{\rm iso}$ $v_{\rm max}$ $\Phi(v/v_{\rm max})$, calculated from eq. 12 in ref. 13 from $v/v_{\rm max}$, for $F_{\rm iso}=1$. The relationship between v and cost is complex, but concentric contractions (v>0) generally require more energy than isometric (v=0) or eccentric (v<0) contractions.

