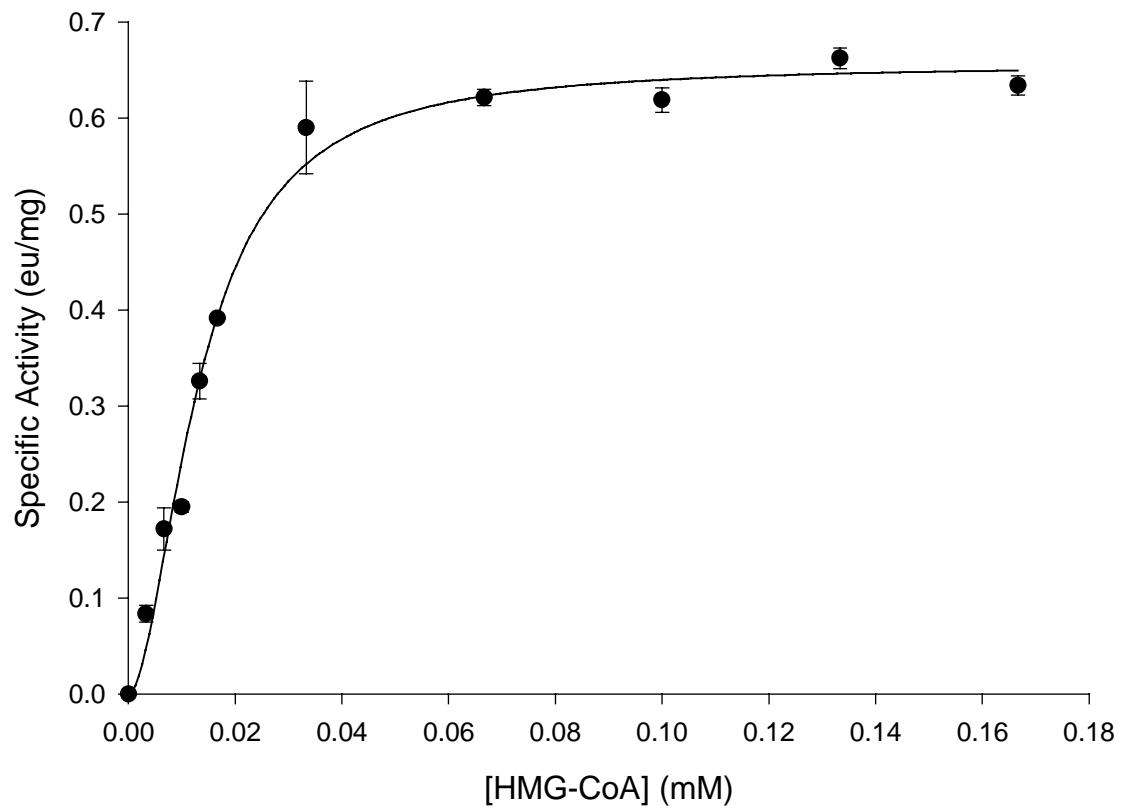


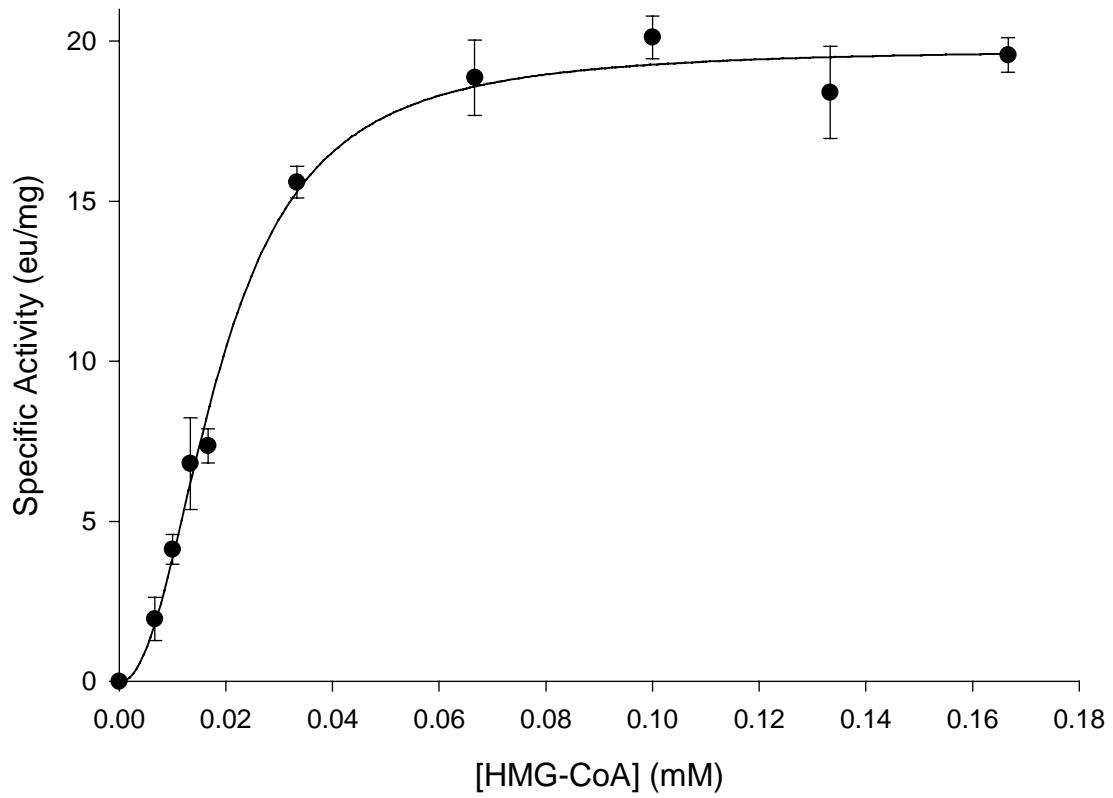
## SUPPLEMENTARY INFORMATION

Figure 1: HMG-CoA reduction. (A) Initial velocity versus [HMG-CoA] using NADPH as reductant. (B) Initial velocity versus [HMG-CoA] using NADH as reductant. (C) Initial velocity versus [NADPH]. (D) Initial velocity versus [NADH]. Data are averages of triplicate determinations. Experiments were repeated with similar results using different enzyme preparations. The data were fit to the Hill equation,  $v_o = (V_{max} [S]^b)/(K^b + [S]^b)$ .

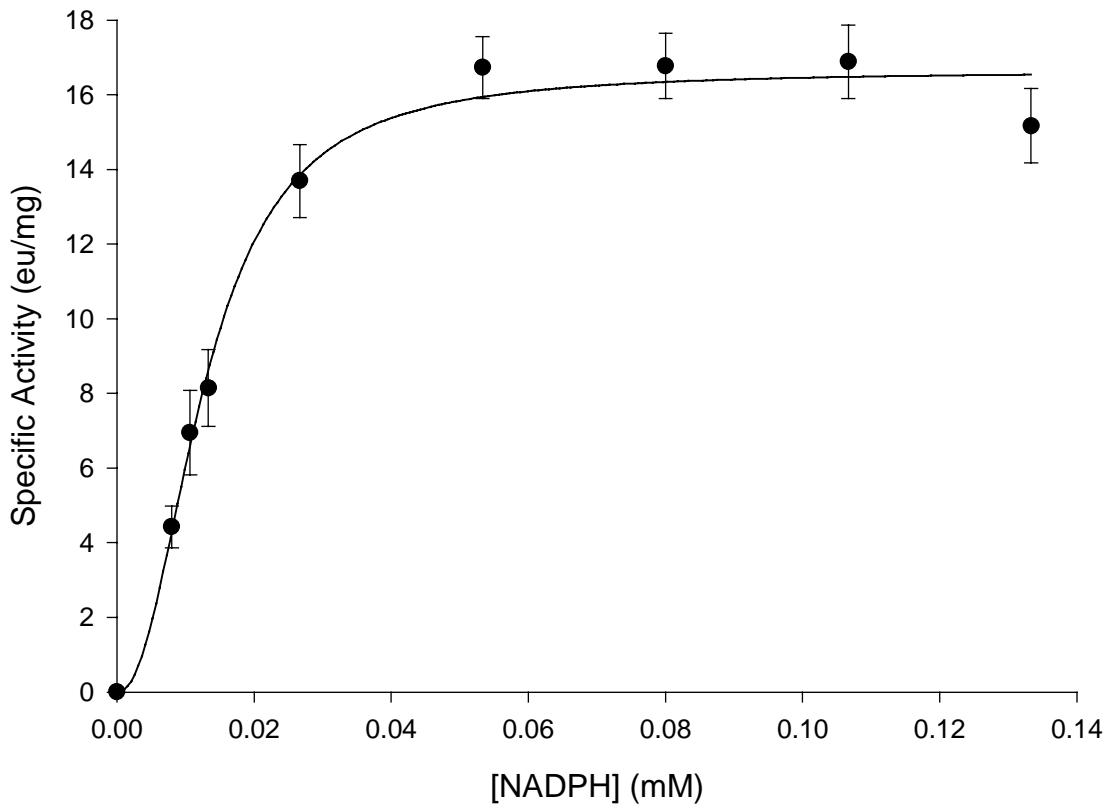
Figure 2: Mevalonate oxidation. (A) Initial velocity versus  $[NADP^+]$ . (B) Initial velocity versus  $[NAD^+]$  using NADH as reductant. (C) Initial velocity versus [mevalonate] using  $NADP^+$  as oxidant. (D) Initial velocity versus [CoA] using  $NADP^+$  as oxidant. Data are averages of triplicate determinations. Experiments were repeated with similar results using different enzyme preparations. The data were fit to the Hill equation,  $v_o = (V_{max} [S]^b)/(K^b + [S]^b)$ .



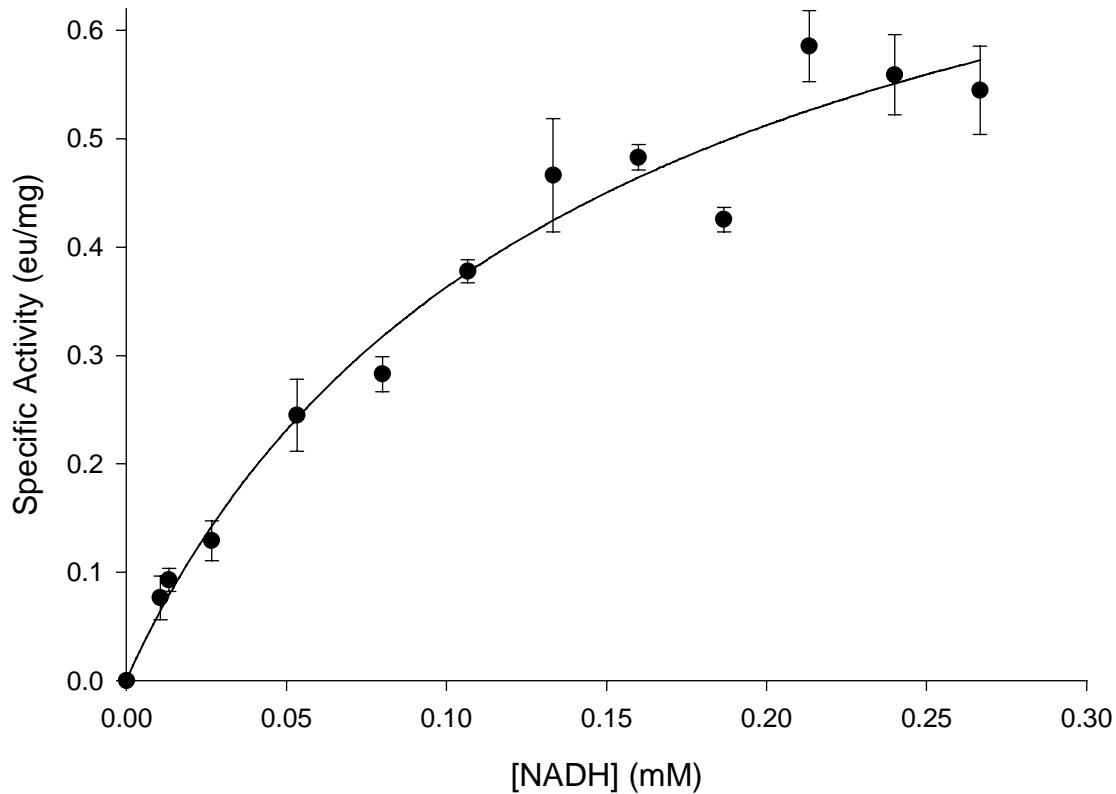
Supplementary Information  
Fig. 1A. Theivagt, Amanti, Beresford, Tabernero, and Friesen



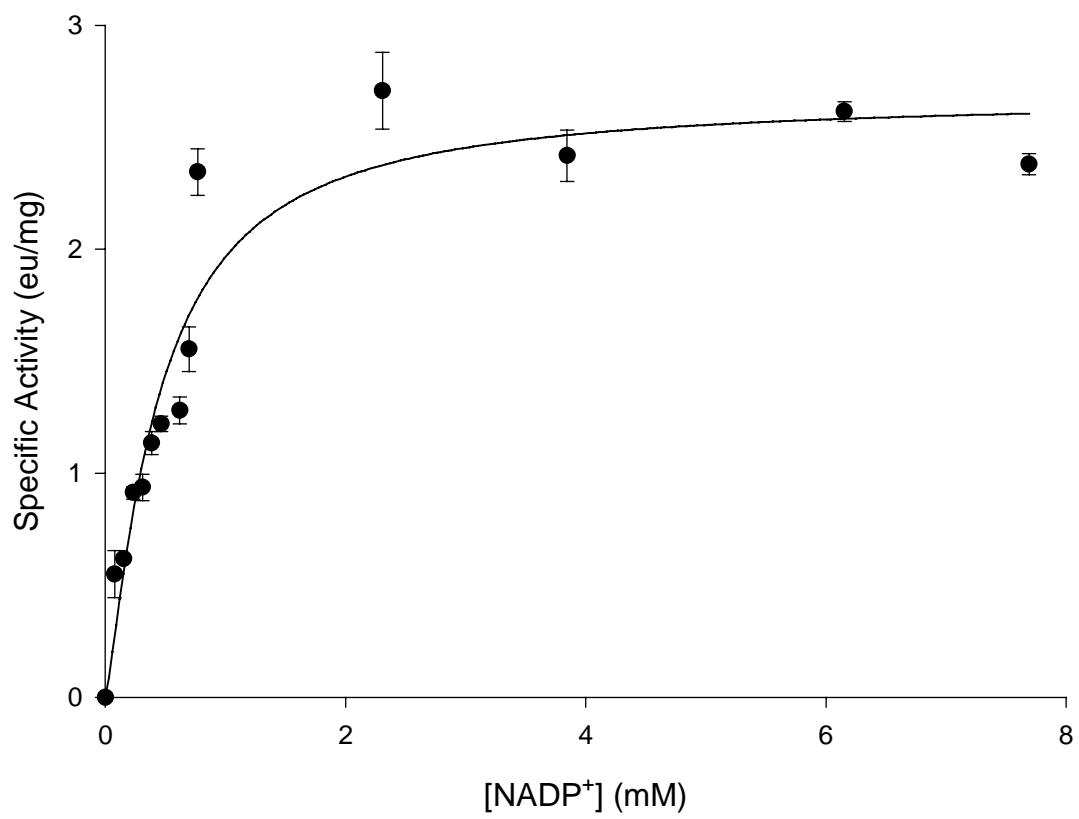
Supplementary Information  
Fig. 1B. Theivagt, Amanti, Beresford, Tabernero, and Friesen



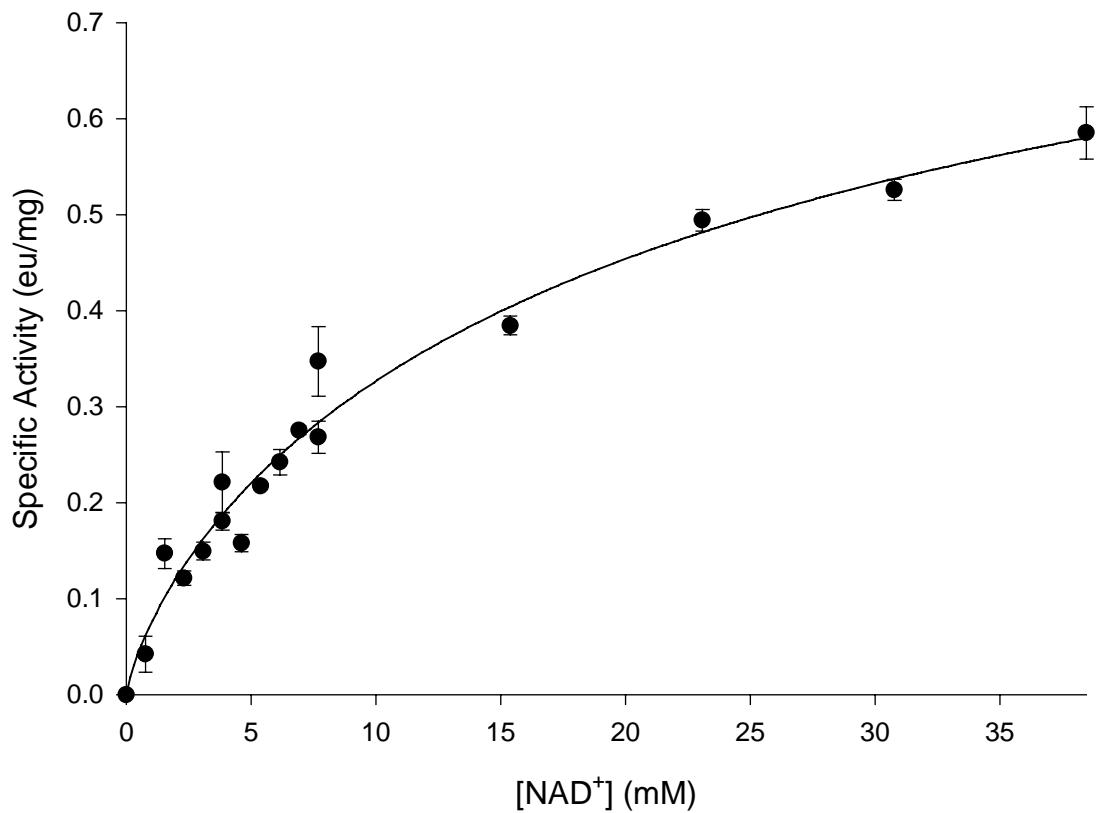
Supplementary Information  
Fig. 1C. Theivagt, Amanti, Beresford, Tabernero and Friesen



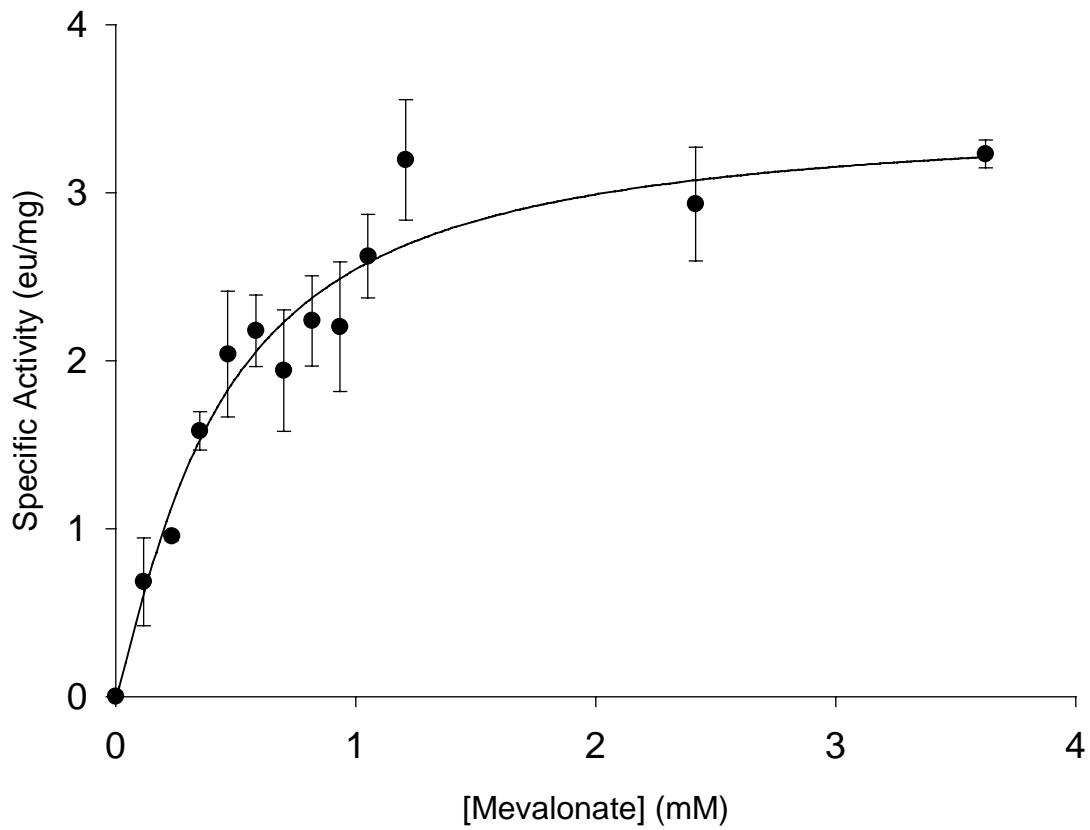
Supplementary Information  
Fig. 1D. Theivagt, Amanti, Beresford, Tabernero, and Friesen



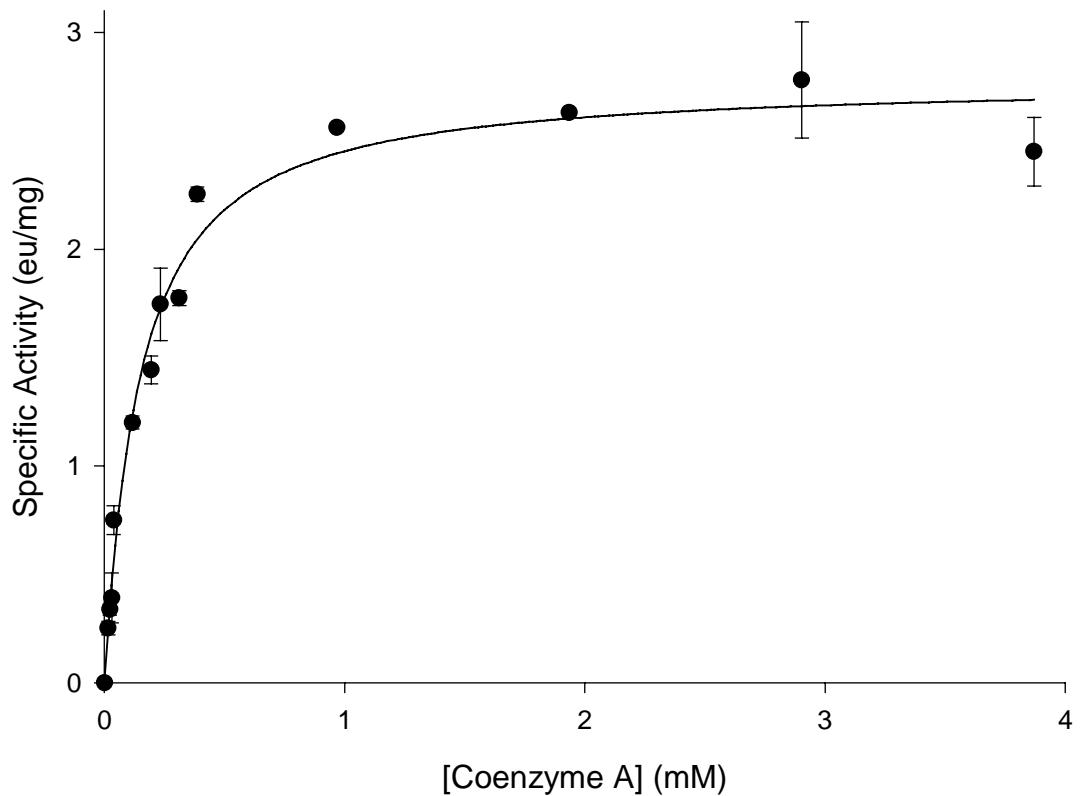
Supplementary Information  
Fig. 2A. Theivagt, Amanti, Beresford, Tabernero, and Friesen



Supplementary Information  
Fig. 2B. Theivagt, Amanti, Beresford, Tabernero, and Friesen



Supplementary Information  
Fig. 2C. Theivagt, Amanti, Beresford, Tabernero, and Friesen



Supplementary Information  
Fig. 2D. Theivagt, Amanti, Beresford, Tabernero, and Friesen