

Supplemental File:

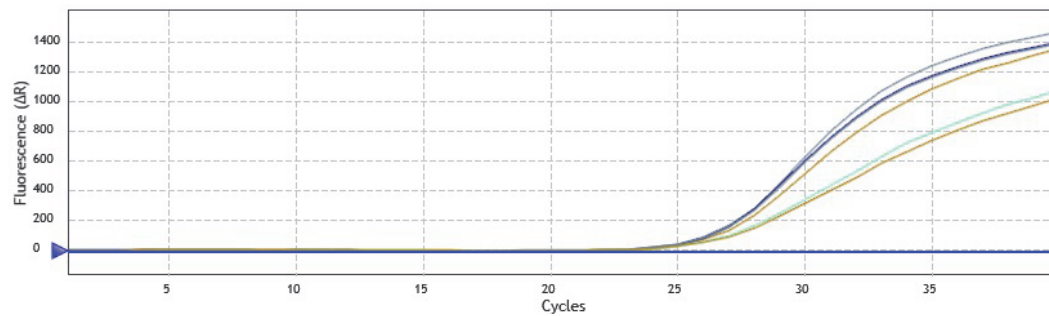


Fig1: the amplification curve of alcohol dehydrogenase (ADH)

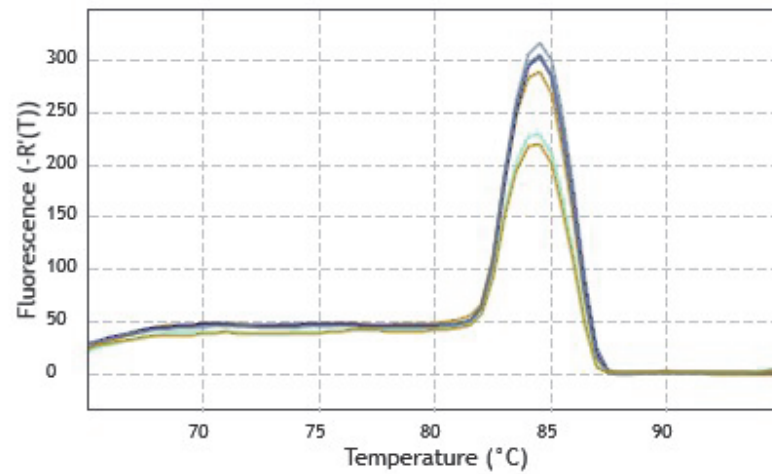


Fig2: the melt curve of alcohol dehydrogenase (ADH)

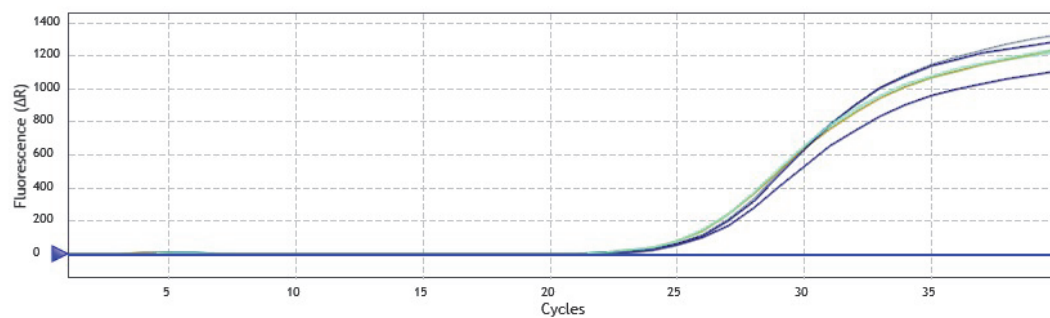


Fig3: the amplification curve of fumarate hydratase (FH)

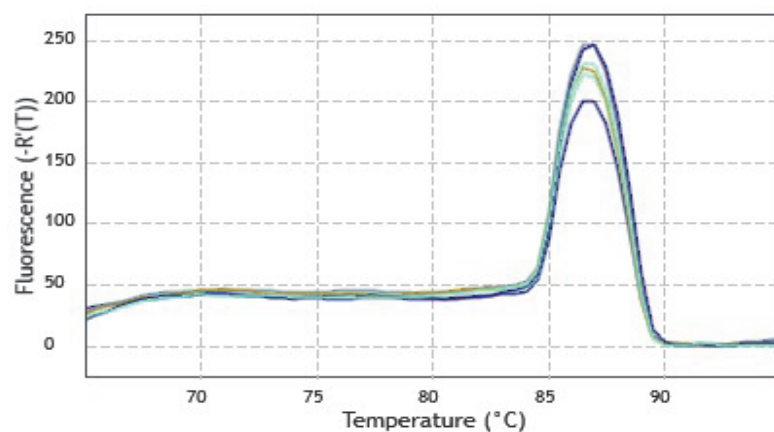


Fig4: the melt curve of fumarate hydratase (FH)

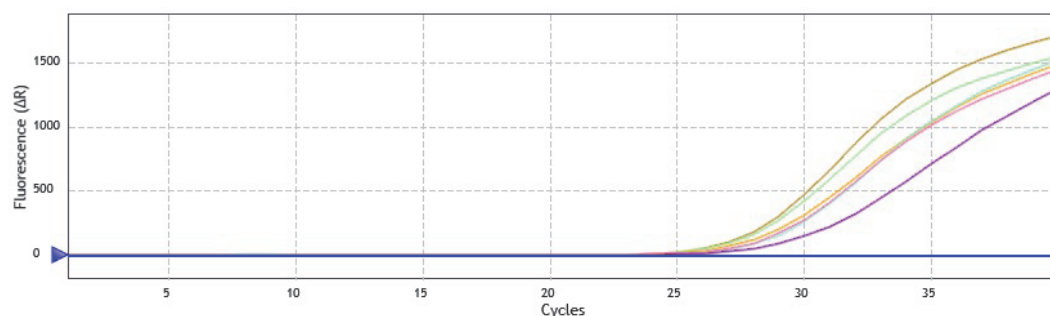


Fig5: the amplification curve of glucose-6-phosphate dehydrogenase (G6PDH)

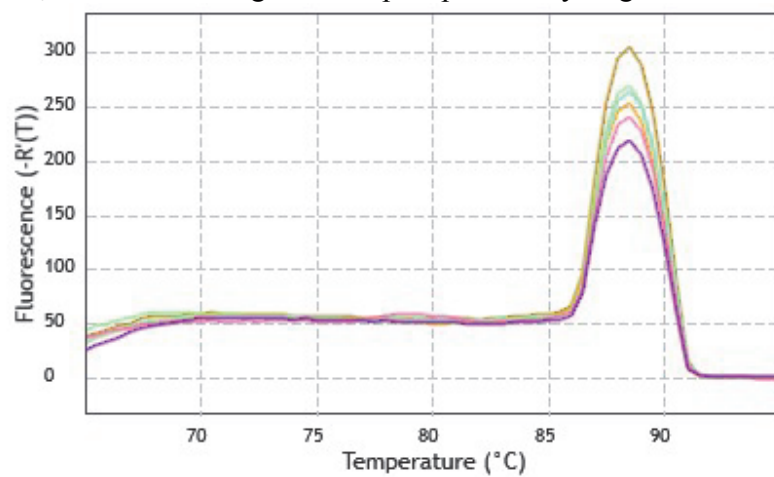


Fig6: the melt curve of glucose-6-phosphate dehydrogenase (G6PDH)

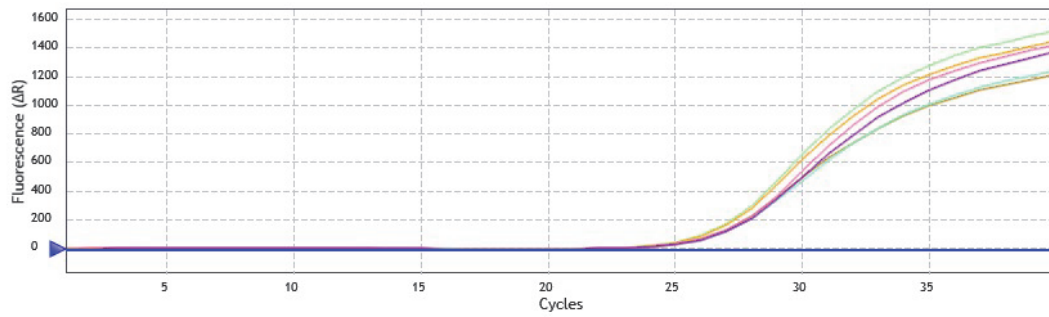


Fig7: the amplification curve of pyruvate carboxylase (PC)

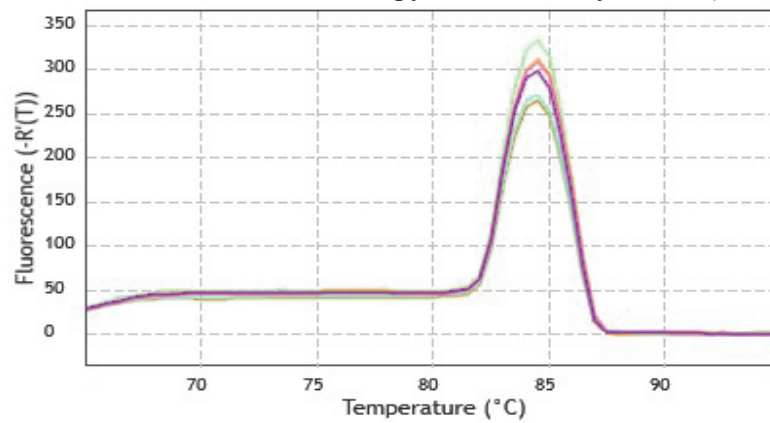


Fig8: the melt curve of pyruvate carboxylase (PC)

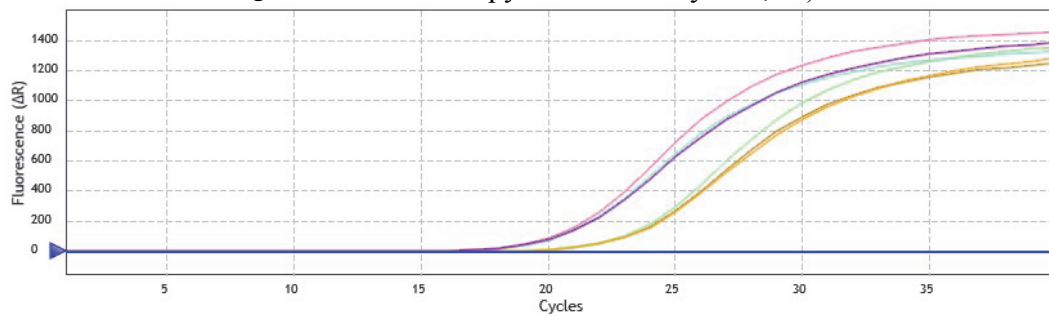


Fig9: the amplification curve of pyruvate decarboxylase (PDC)

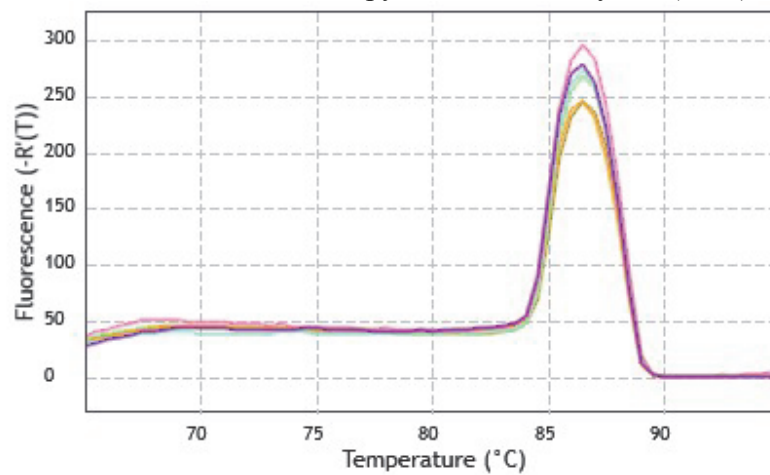


Fig10: the melt curve of pyruvate decarboxylase (PDC)

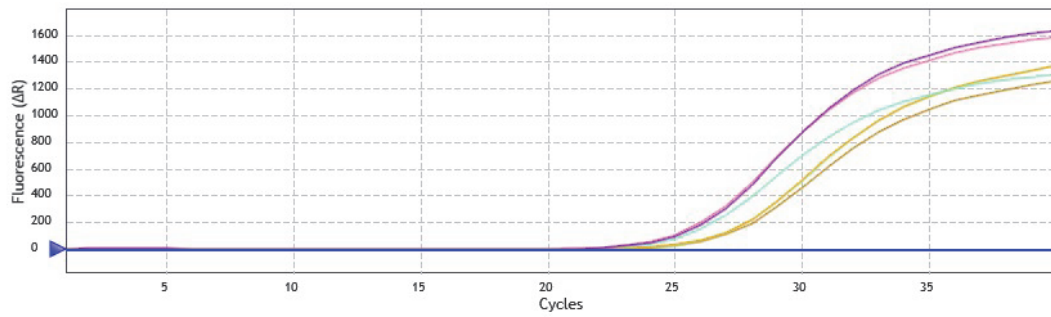


Fig11: the amplification curve of phosphoenolpyruvate carboxykinase (PCK)

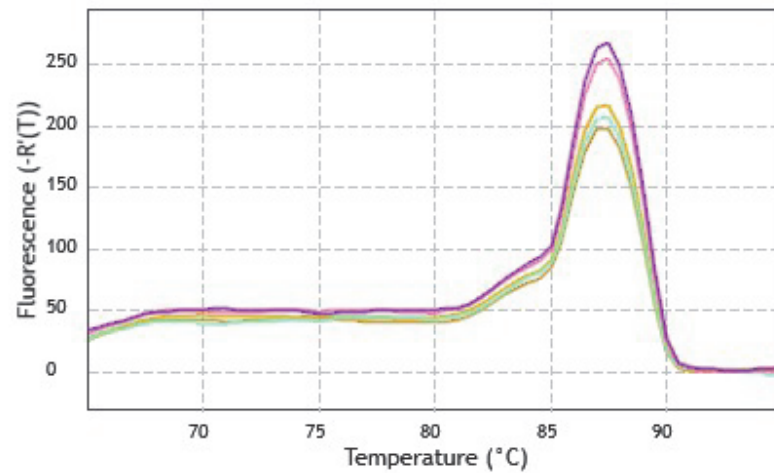


Fig12: the melt curve of phosphoenolpyruvate carboxykinase (PCK)

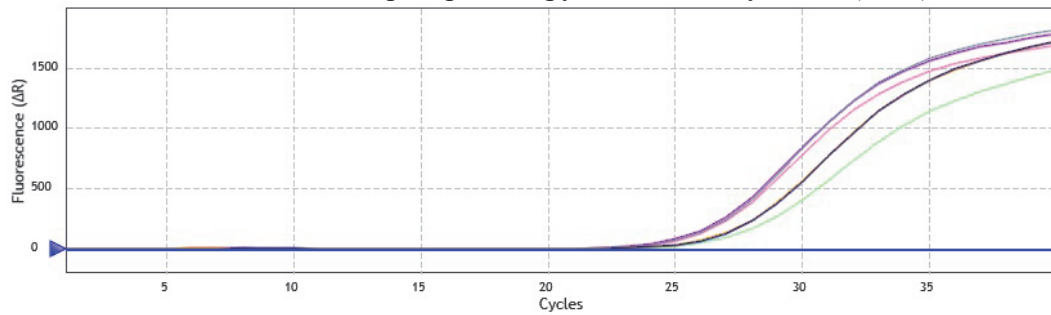


Fig13: the amplification curve of pyruvate kinase (PYK)

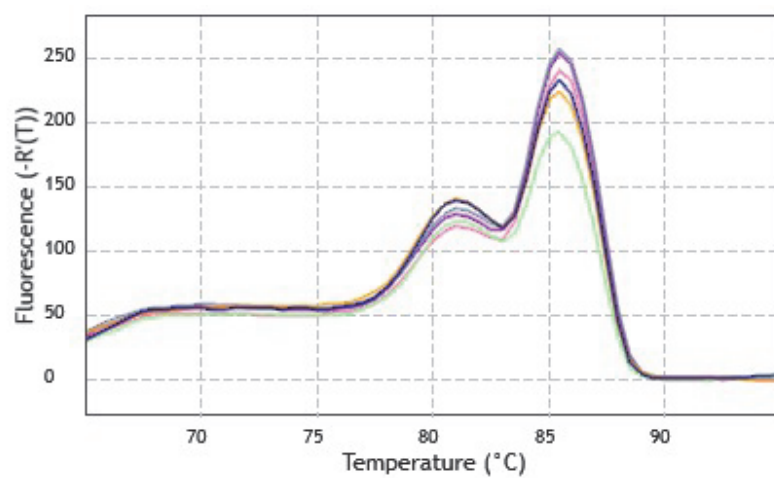


Fig14: the melt curve of pyruvate kinase (PYK)

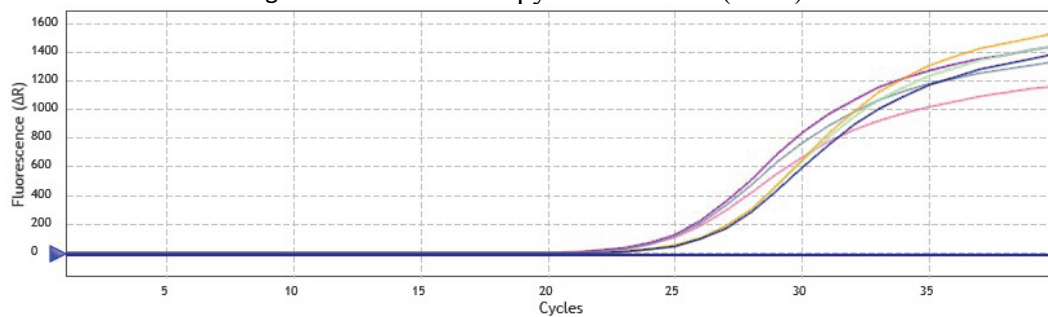


Fig15: the amplification curve of ribulose-5-phosphate 3-epimerase1 (RPE1)

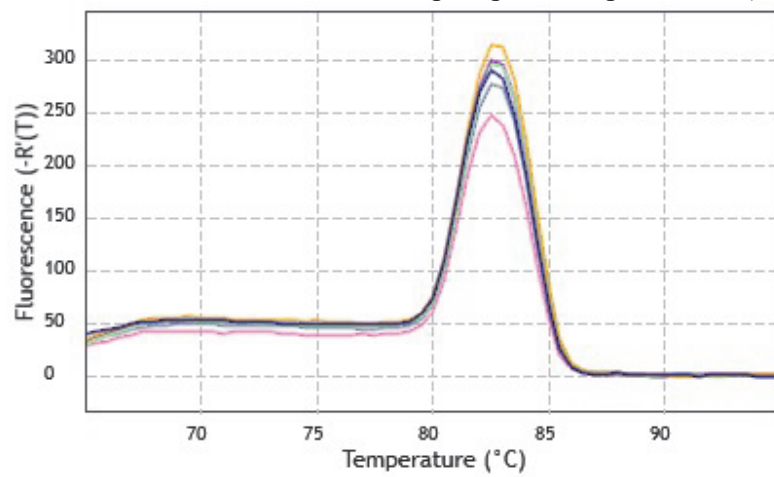


Fig16: the melt curve of ribulose-5-phosphate 3-epimerase1 (RPE1)

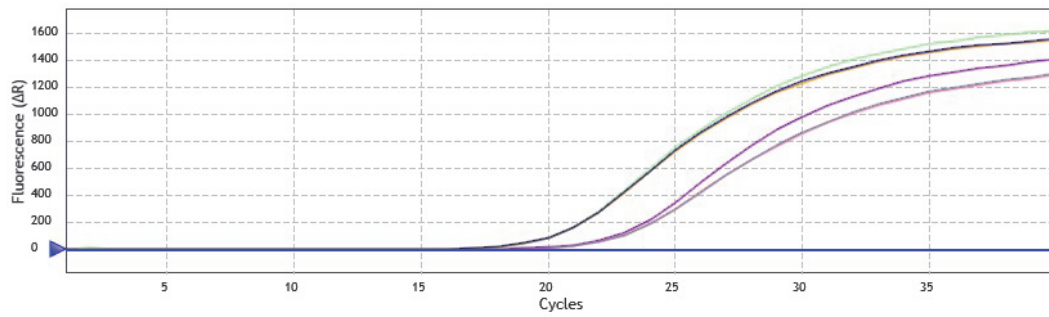


Fig17: the amplification curve of transaldolase (TAL)

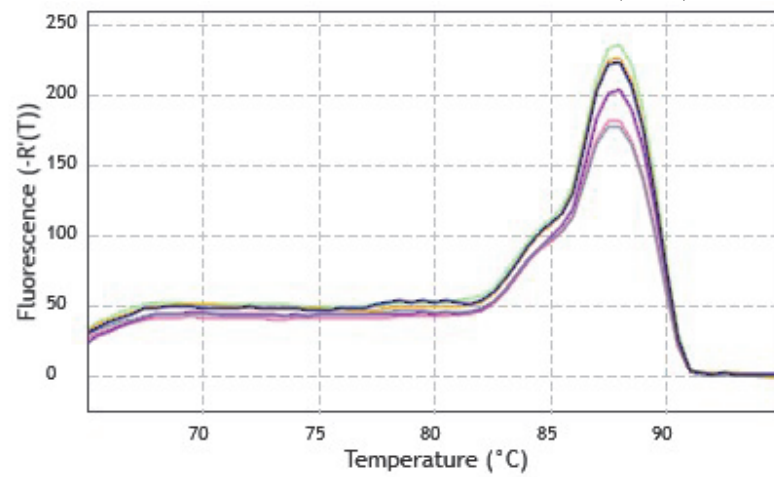


Fig18: the melt curve of transaldolase (TAL)

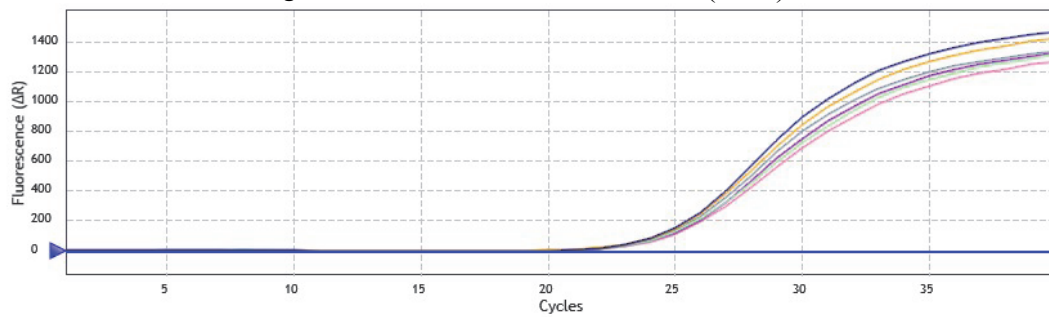


Fig19: the amplification curve of transketolase (TKL)

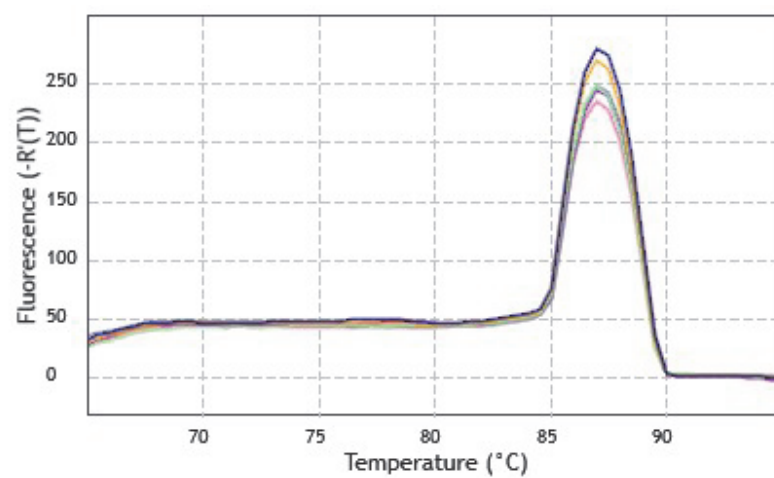


Fig20: the melt curve of transketolase (TKL)

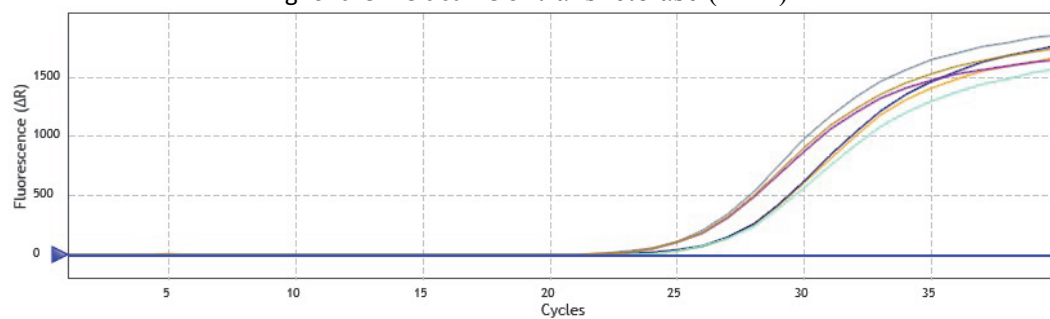


Fig21: the amplification curve of xylitol dehydrogenase (XDH)

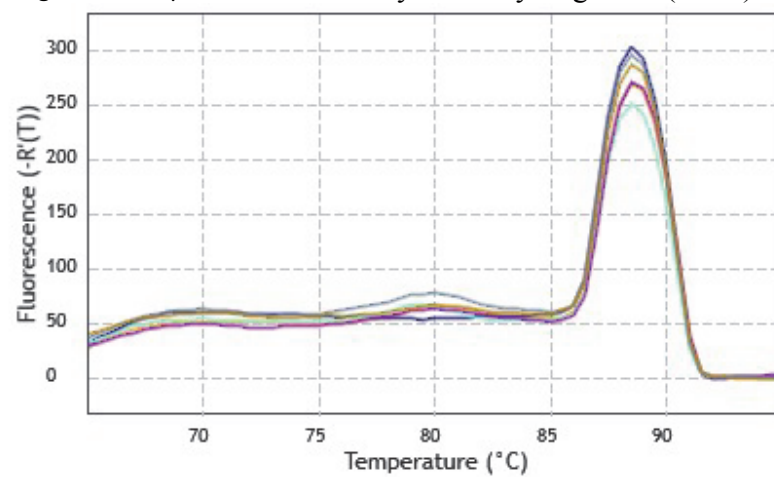


Fig22: the melt curve of xylitol dehydrogenase (XDH)

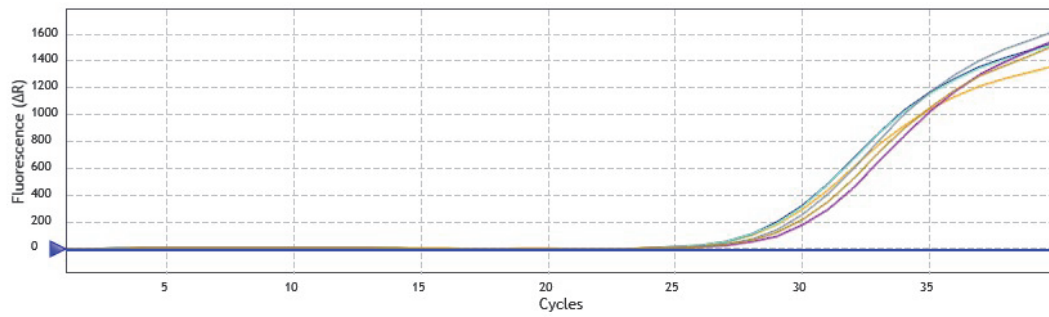


Fig23: the amplification curve of xylitol dehydrogenase 2 (XDH)

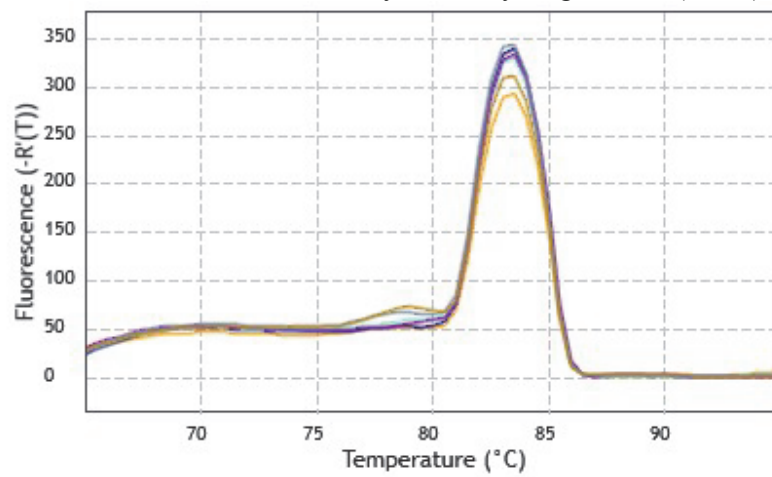


Fig24: the melt curve of xylitol dehydrogenase 2 (XDH)

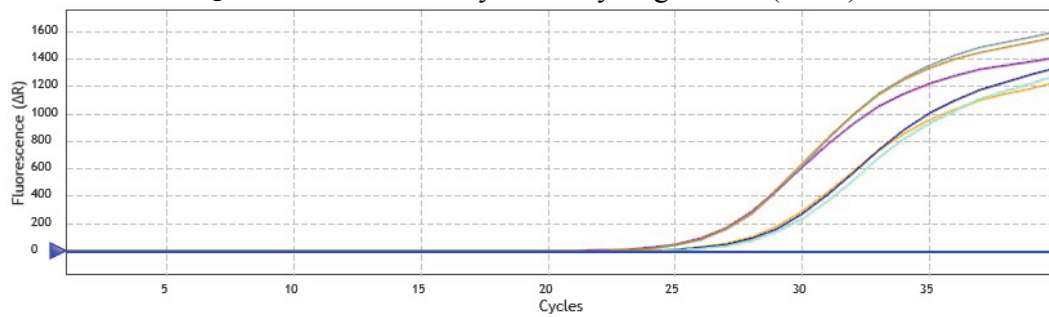


Fig25: the amplification curve of xylose reductase (XR)

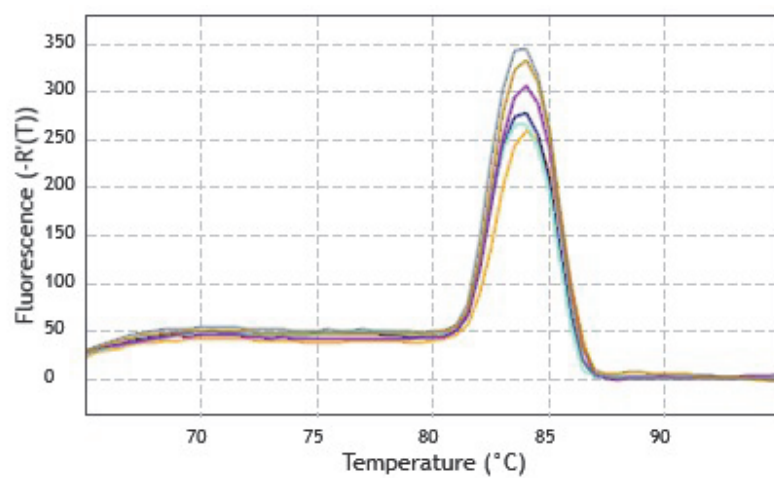


Fig26: the melt curve of xylose reductase (XR)

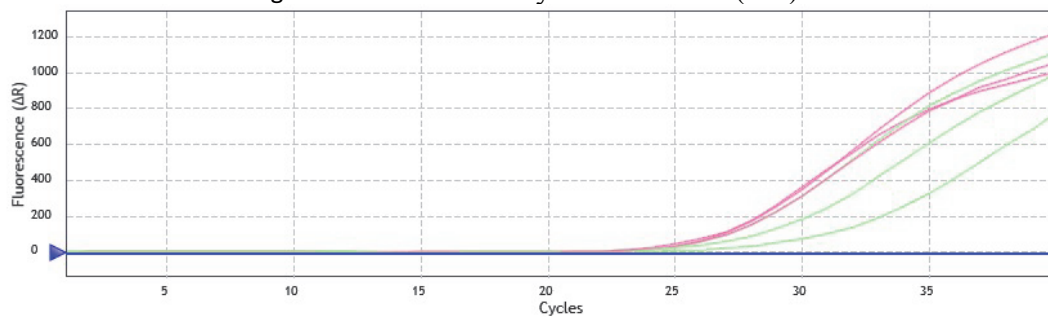


Fig27: the amplification curve of TUBULIN

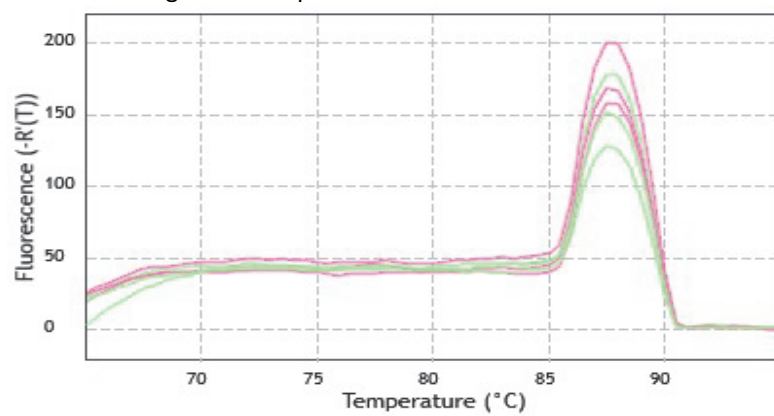


Fig28: the melt curve of TUBULIN