Item	Definition / details
Dataset and comparison	Heat-stress screening used GSE226974, with fold changes (FCs) for the 37 °C versus 30 °C comparison. Candidate bidirectional promoters were evaluated using the expression responses of their two flanking genes.
Screening thresholds	Strong two-sided induction required FC ≥ 2 for both flanking genes. Heat-specific candidates were required to meet this threshold and have a heat-specificity index > 1.
Heat-specificity index	The heat-specificity index was calculated as sqrt(FC_up,heat × FC_down,heat) / max_other[sqrt(FC_up,other × FC_down,other)]. An index > 1 indicates that the paired geometric mean FC under heat stress exceeds the largest value among the available non-heat conditions.
Statistical limitation	Replicate-level expression data were unavailable for this analysis. Differential-expression p-values and adjusted p-values were therefore not calculated. FC thresholds and specificity comparisons were descriptive.