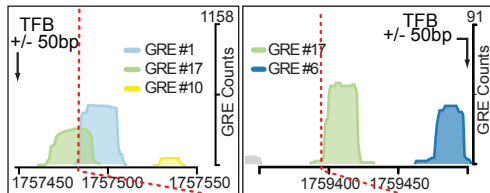
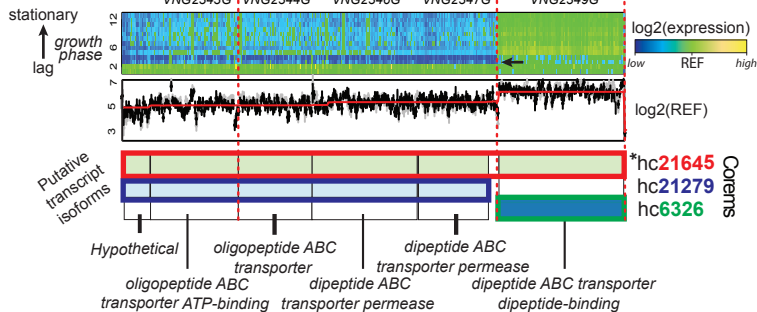


A

# *dppAB1C2-oppD2-ykfD-VNG2342H*



B



C

genes in corem

33

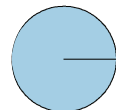


8

shared genes

hc21645

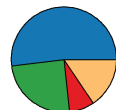
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hc21279

5

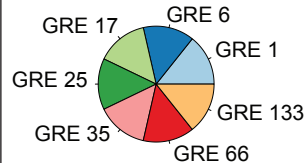
44



hc6326

GREs implicated in co-regulating genes within corem

GREs



Functions enriched in corem	q-value
TCA cycle	$4.5 \times 10^{-9}$
vitamin biosynthesis	$3.8 \times 10^{-5}$
porphyrin biosynthesis	$5.6 \times 10^{-5}$
oxidoreductase activity	$3.7 \times 10^{-4}$
purine biosynthesis	$5.8 \times 10^{-7}$
fatty acid metabolism	$1.6 \times 10^{-3}$

Conditions enriched in corem	q-value
high DIP	$< 1.0 \times 10^{-16}$
exponential growth phase	$1.7 \times 10^{-5}$
high light	$5.3 \times 10^{-5}$
low atp level	$5.9 \times 10^{-5}$
lag growth phase	$1.0 \times 10^{-11}$
high oxygen	$2.5 \times 10^{-13}$