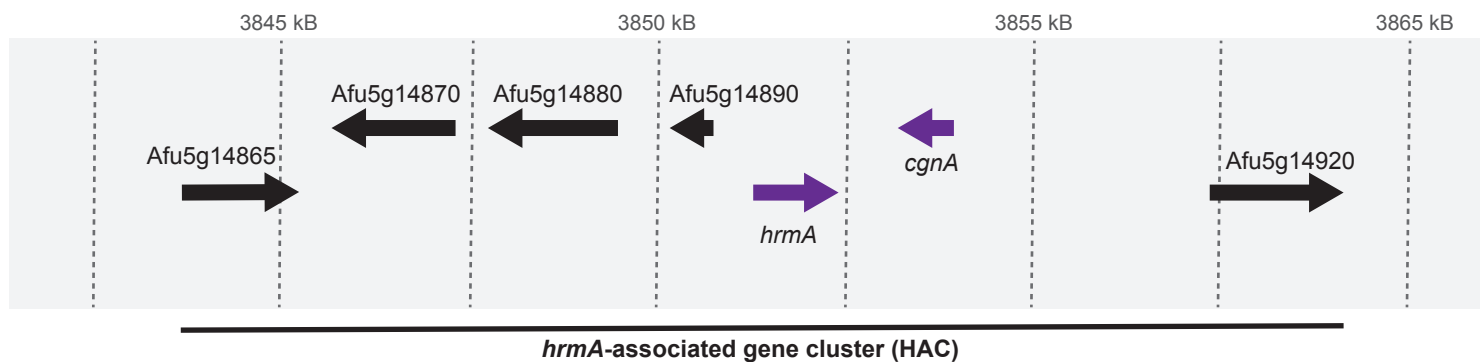


**B AF293 Chromosome 5:**



**C**

Strain	Colony Morphology	Biofilm Morphology	H/N	Adherence	<i>hrmA</i> allele	HAC expression
AF293	N-MORPH	Vertical	Baseline	Baseline	Wild Type	LOW
AF293 $\Delta$ <i>hrmA</i>	N-MORPH	Vertical	Baseline	-----	n/a	LOW
AF293 $\Delta$ <i>cgnA</i>	N-MORPH	-----	Baseline	Baseline	Wild Type	LOW
EVOL20 $\Delta$ <i>hrmA</i>	N-MORPH	Vertical	Slightly Increased	-----	n/a	LOW
EVOL20 $\Delta$ <i>cgnA</i>	N-MORPH	Vertical	Baseline	Baseline	Evolved	HIGH
AF293 <i>cgnA</i> <sup>OE</sup>	N-MORPH	-----	Baseline	Baseline	Wild Type	-----
EVOL20	H-MORPH	Horizontal	Increased	Reduced	Evolved	HIGH
AF293 <i>hrmA</i> <sup>OE</sup>	H-MORPH	-----	Increased	Reduced	Wild Type	HIGH
AF293 <i>hrmA</i> <sup>R-EV</sup>	H-MORPH	Horizontal	Increased	Reduced	Evolved	HIGH