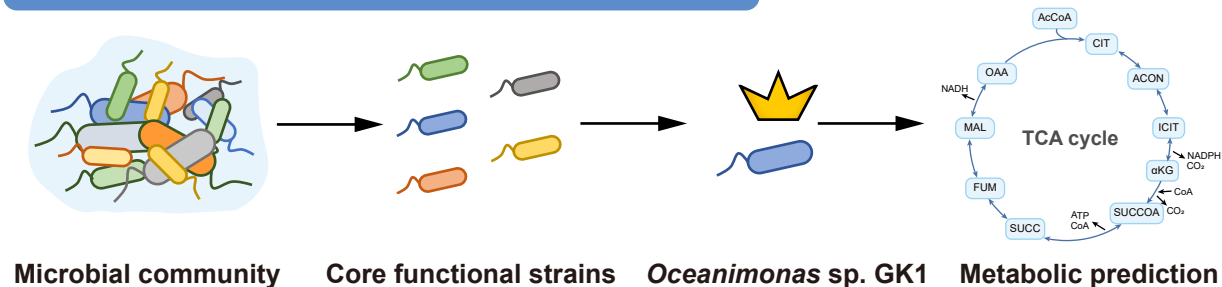
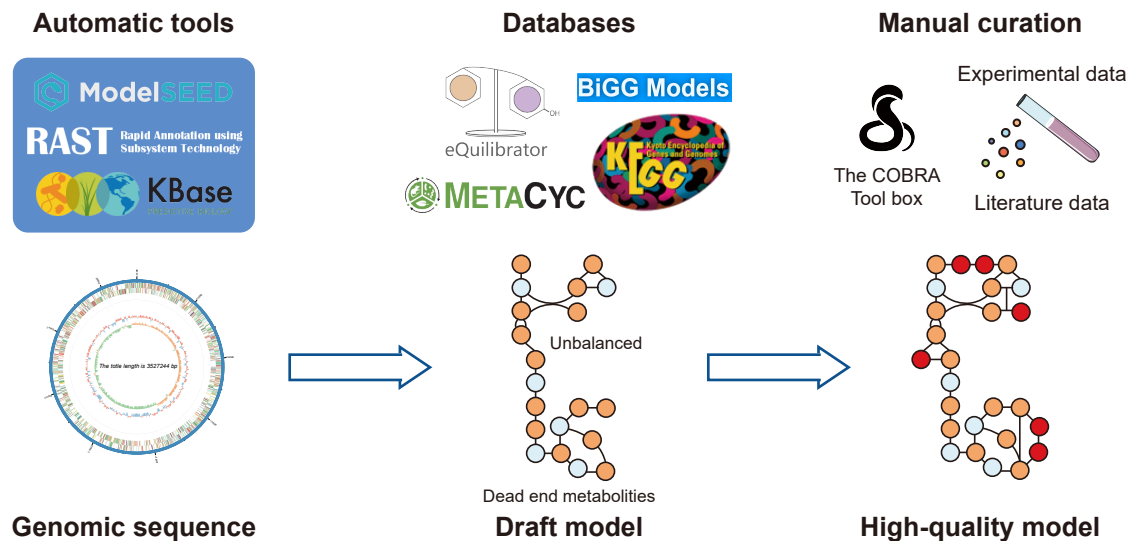


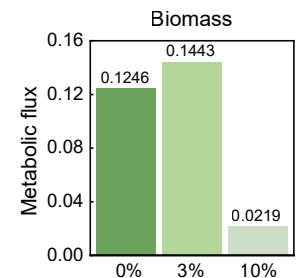
## Acquisition of strains → GEMs application



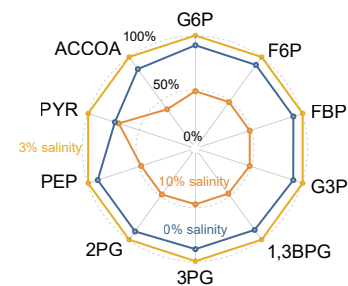
## GEMs Construction of iZJ929



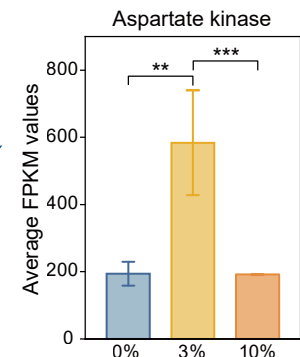
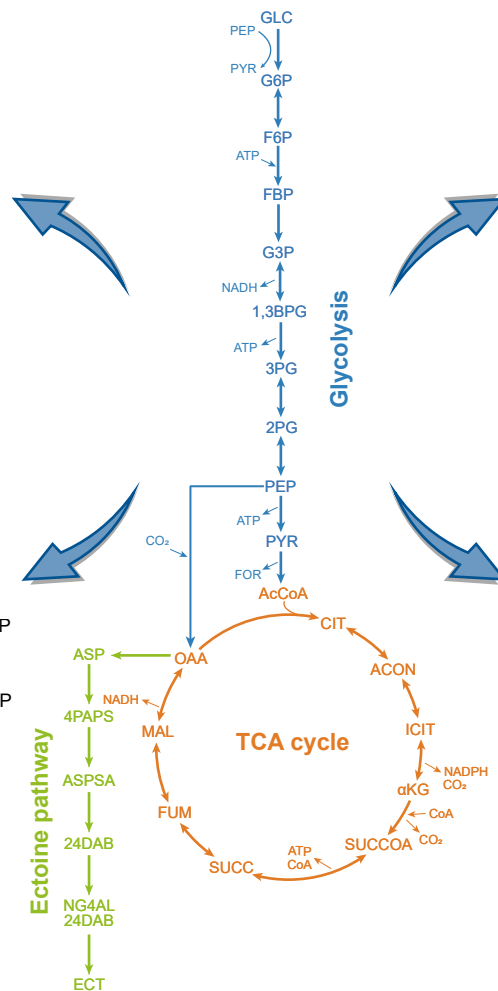
## Salinity Driven Osmoregulatory Reprogramming



Experimental constraint simulation



RNA-seq constraint simulation



Gene expression levels

Biomass	
0% salinity:	0.1246
3% salinity:	0.1443 ★
10% salinity:	0.0219

Ectoine	
0% salinity:	0.57
3% salinity:	0.66 ★
10% salinity:	0.10