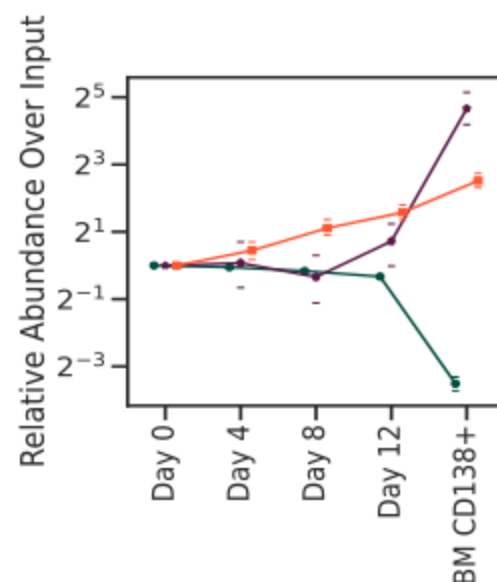
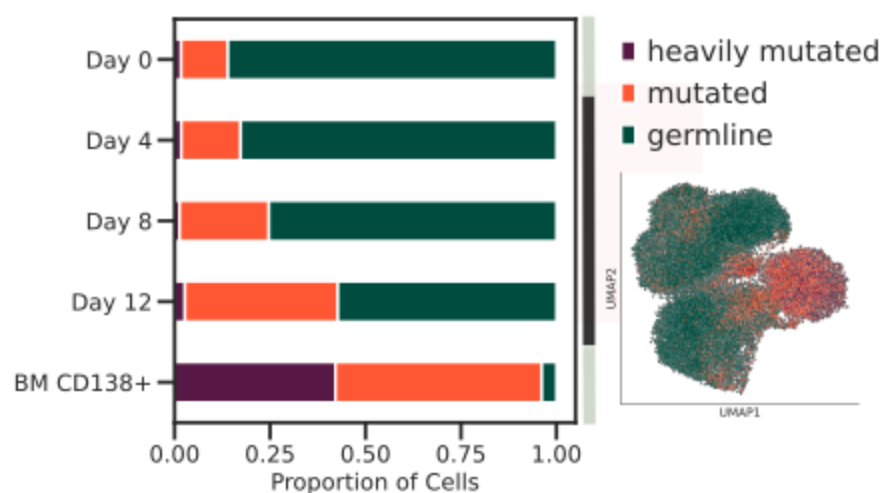
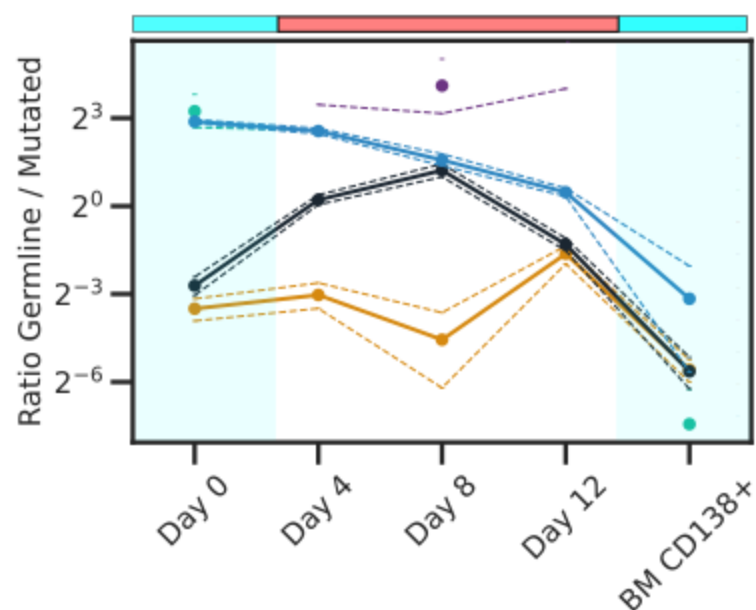
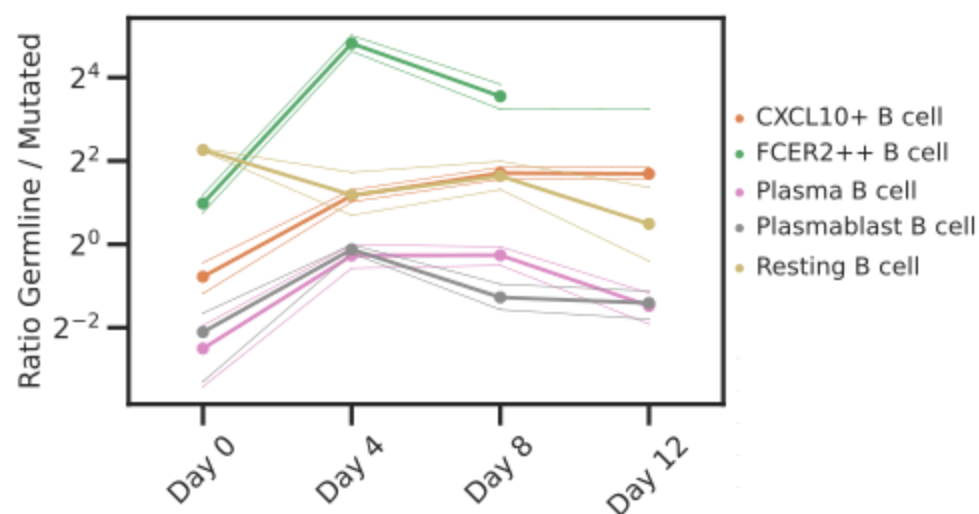


a

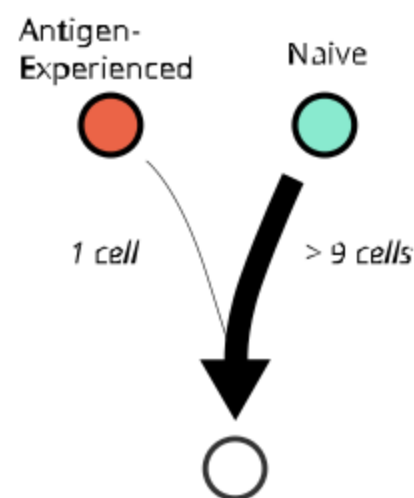
mutated progenitors are more persistent



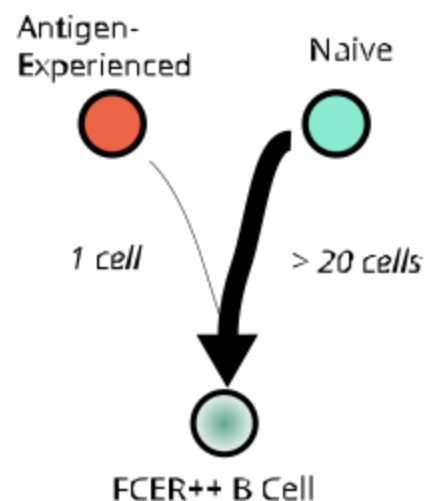
germline and mutated progenitors have strong, different fate biases

c**d**

Progenitor Fate Bias



Class-Switched IGHE Cell



FCER++ B Cell