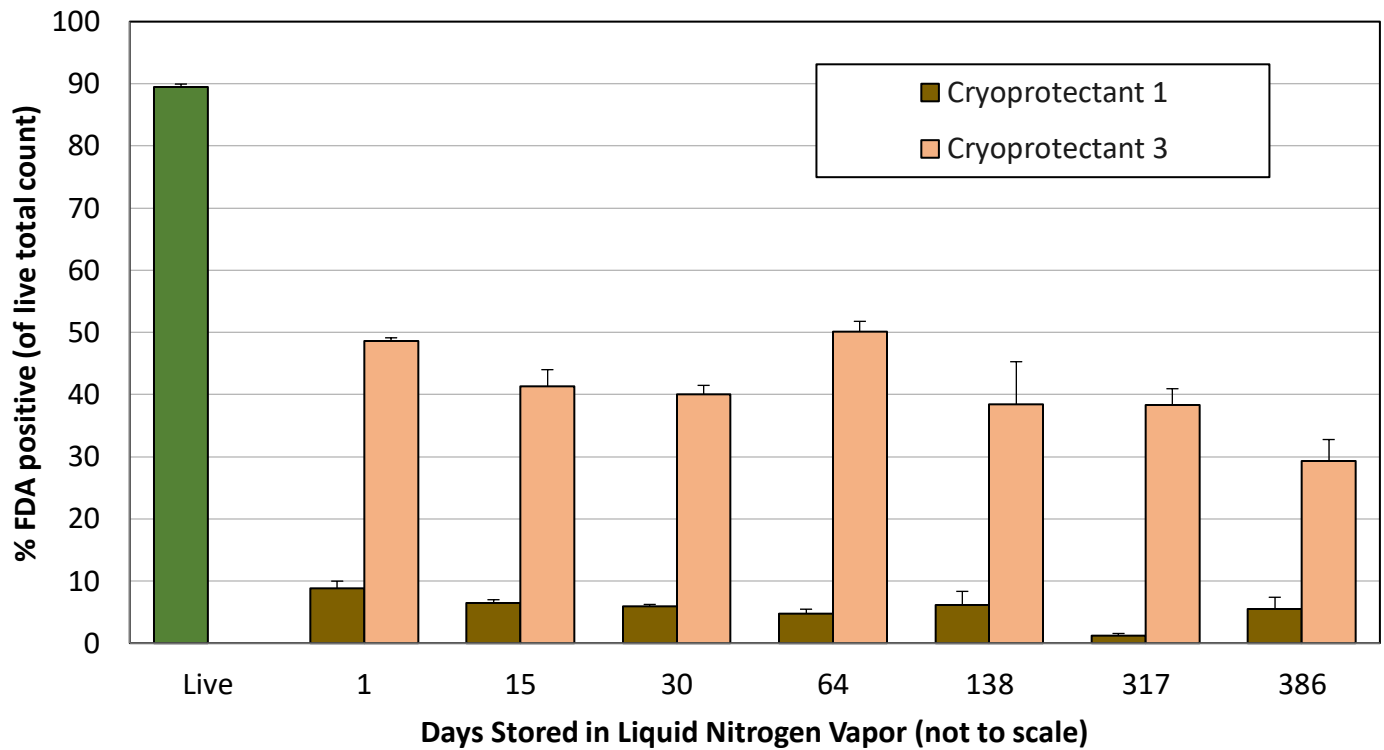


A. Wide Blade Kelp Lot #291A1-23 (*S. latissima*)



B. Skinny Blade Kelp Lot #302B1-23 (*S. latissima*)

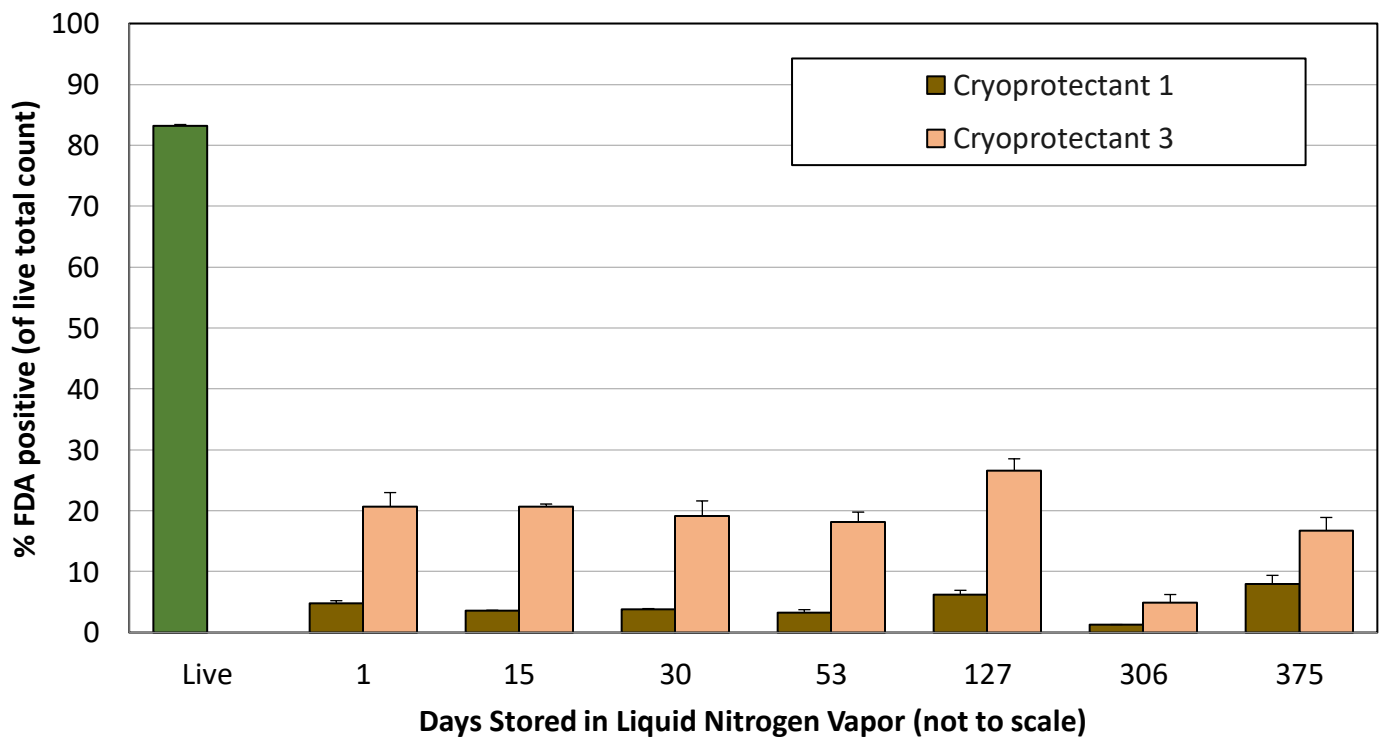


Figure 3. Vitality of thawed kelp meiospores after storage in liquid nitrogen (LN2) vapor using two cryoprotectants after cryopreservation using CRF. A) Wide Blade sugar kelp Lot #291A1-23 and B) Skinny Blade sugar kelp Lot #302B1-23, note x-axis is not to scale but final time point for both lots is over one year of storage in LN2 vapor.