A Mexico-specific adaptation **B** Adaptation both in Mexico and South America Mexico Mexico S. America S. America Mexico Mexico S. America S. America parviglumis Lowlands Highlands Lowlands Highlands parviglumis Lowlands Highlands Lowlands Highlands Adaptation to highlands Adaptation to highlands Frequency Frequency Frequency Adaptation to lowlands Frequency Frequency NA Parallel adaptation with recombination Frequency Adaptation to lowlands NA Frequency Frequency Frequency NA