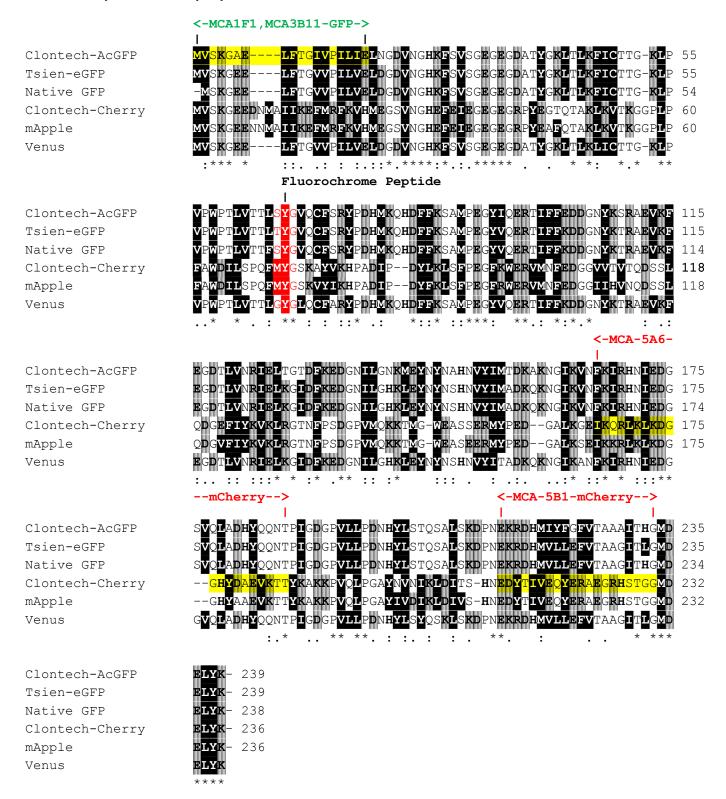
## Fluorescent proteins and epitopes for EnCor antibodies



The mouse monoclonal antibodies MCA-1F1 and MCA-3B11 were raised against recombinant AcGFP and bind to the N-terminal peptide of this molecule. The AcGFP protein is 94% identical in amino acid sequence to eGFP, a widely used engineered version of native GFP developed in the Tsien lab, and both MCA-1F1 and MCA-3B11 bind to the N-terminus of eGFP. They do not recognize mCherry as expected from the above sequence data. The two antibodies are of different isotypes which may be useful for some applications. The MCA-5A6 and MCA-5B1 antibodies were raised against recombinant mCherry and have distinct epitopes as shown and show no cross-reactivity with GFP, though we can predict that they will recognize the mCherry derivative mApple. Currently we market MCA-5A6 and the antibody MCA-5B1 can be obtained by special order. EnCor currently markets another mouse monoclonal to mCherry, MCA-1C51, the epitope for which is at present unknown.