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| **Figure 7–figure supplement 2. Controls for Disulfide Mapping of the Contact Interfaces from DMD.** Representative non-reducing SDS-PAGE using 10% acrylamide gels to probe for disulfide formation in selected FRET variants. The variant Q378-K591 residue pair is not predicted to be in contact as part of either conformational basin. In contrast, the S398-R492 residue pair does occasionally sample close distances in the α-basin. The experiments used PSG truncations with the introduced mutations as noted above each experiment. The time for each lane is indicated beneath the panel in minutes. |