Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**StanMack Crossing Scheme Assignment F1**

**I. A. Cross the following flies and list ALL the possible genotypes and corresponding phenotypes.**

**F1**: **♂** w-, P{w+, StanEx1}/Y; Δ2-3, Sb/+ X ♀ w-; CyO/L; ftz,e/TM6B

B. The result we want is the **Hallelujah male**. Identify the possible phenotypes of that fly and explain why we want that fly.

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