$$\boxed{2492}$$

$$\text{Diploid } 2478 = \frac{\dfrac{2439}{(2475,2,7)} \quad \dfrac{SulAl \ anAl \ + \ biAl}{+ \ + \ adE20 \ biAl} \quad \dfrac{AcrAl + \ + \ +}{+ \ wA2 \ ni3} \quad \dfrac{methGl \ nicA2 \ + \ sbA3 + \ + \ malAl +}{galAl \ methGl \ + \ facA303 \ + \ lacAl \ sbB3 \ + \ choAl \ ribcB} \ + }{\dfrac{2374}{(2473, 2.15)} \quad \quad cnxE16 \quad \quad \& \ \text{homo-zygous} \ \dfrac{chaAl}{chaAl}}$$

from diploid $2473 = \dfrac{\# \ 108}{\# \ 487}$

Diploid $2475 \quad \dfrac{2260 \quad + \ + \ proAl \ biAl \quad AcrAl \ methGl \ + \quad + \ nicA2 \quad sbA3 \quad malAl \quad +}{2378 \quad SulAl \ anAl + biAl \ + \quad + \ ssbAl^* \ lysB5 + \quad + \quad + \quad chaAl}$

Cross 2460 $\left\{ \begin{array}{l} \# 66 \ \underline{^{905}} \ biAl, smAl; lysB5 \ (UV \ of \ \#26) \\ \times \\ \#452 \\ M2162 \end{array} \right\}$ SulAl anAl; wA3; $\underline{ssbAl}^*$; chaAl

(for origin see #452)

$\underline{2217} = \xrightarrow{cross}$ pabaAl yA2 adE20; AcrAl; nicA2; lacAl sbA3; malAl (1977.1.19) ^{isolate}

$\times$

1977 $\leftarrow$ $\underline{2069}$ proAl biAl; methGl; choAl malAl (1923, 4, 24) ^{isolate}

$\#\underline{464} = \underline{2209} \underset{\times}{\overset{1955}{\bigcirc}} \underline{2072} = \#437$

1923 (see #437)

$\underline{ssbAl}^*$ previously undetected suppressor of sbA
present in #452 (see separate, attached
page for possible
origin of $\underline{ssbA}$)
maps on chromosome $\underline{IV}$