

Ray Barratt:

Memo re: "col-5" (B28).

1378

col-5 (B28) IVR

Called col-5 by Garnjobst and Tatum, 1967, and mapped in IV by them on basis of 25% recomb. in 10 asci !! They were lucky - it is in IV.

I map it just right of col-1 (C102+) on basis of 165 randoms in a 3-pt cross:

ad-6 4.85 col 1.2 col (B28).

add to info on FG-50 #1378

G. and T. state nothing about allelism tests with col-1 (F8743c).

I could not get heterokaryon between col-1 (F8743c) and B28, but this may have been due to het-incompatibility.

QUERY: Is B28 an allele of col-1?

Both BNPG and Garnjobst + Tatum state "frequently reverts to w.t." <sup>or "reverts readily"</sup> in describing col-1 (BNPG) and "col-5" (G+T).

would it be well to note "~~Maybe allele of col-1~~" in your list and records on col-5 (B28) ??

JP

June 1, 68.