

## Mitotic Mapping Strains

- 44 suA1adE20 adE20 biA1; AcrA1; phenA2; pyroA4; lysB5; sB3; choA1; coA1 chaA1  
68 suA1adE20 yA2 adE20; AcrA1; phenA2; pyroA4; lysB5; sB3; nicB8; riboB2  
70 suA1adE20 adE20 biA1; AcrA1; phenA2; pyroA4; lysB5; sB3; nicB8; chaA1  
79 suA1adE20 pabaA1 yA2 adE20; cnxE16; sC12; pyroA4; nicA2; sB3; choA1; chaA1  
104 yA2 adE20; AcrA1; phenA2; pyroA4; lysB5; sB3; nicB8; coA1  
105 biA1; AcrA1 wA3; phenA2; pyroA4; lysB5; sB3; nicB8; coA1  
146 pabaA1; AcrA1; phenA2; pyroA4; lysB5; sB3; nicB8; riboB2 chaA1  
154 adE20 biA1; wA2 cnxE16; sC12; methG1; nicA2; lacA1; choA1; chaA1  
155 suA1adE20 pabaA1 yA2 adE20; AcrA1; phenA2; pyroA4; lysB5; sB3; choA1; coA1 chaA1  
159 suA1adE20 pabaA1 yA2 adE20; AcrA1; phenA2; pyroA4; lysB5; sB3; nicB8; riboB2  
163 suA1adE20 yA2 adE20; AcrA1; phenA2; pyroA4; lysB5; sB3; nicB8; coA1  
283 suA1adE20 yA2 adE20; AcrA1; galA1; pyroA4; facA303; sB3; nicB8; riboB2  
288 suA1adE20 yA2 adE20; wA3; galA1; pyroA4; facA303; sB3; nicB8; riboB2  
374 suA1adE20 yA2 adE20; AcrA1; sA4; pyroA4; pA2; lacA1; nicB8; riboB2  
375 suA1adE20 adE20 biA1; AcrA1; sA4; pyroA4; pA2; lacA1; nicB8; riboB2  
407 adE20 biA1; AcrA1; phenA2; pyroA4; lysB5; lacA1; choA1; riboB2 chaA1  
446 suA1adE20 yA2 adE20; AcrA1; galA1; pyroA4; facA303; lacA1 sB3; choA1 nicB8; riboB2 chaA1  
465 sulA1; AcrA1; galA1; pyroA4; facA303; lacA1; choA1; chaA1  
468 sulA1; AcrA1 wA3; galA1; pyroA4; facA303; lacA1 sB3; choA1; riboB2 chaA1  
473 sulA1 adE20; AcrA1 wA3; ActA1; pyroA4; facA303; lacA1 sB3; oliA2 choA1; riboB2 chaA1  
477 sulA1 adE20; AcrA1 wA3; ActA1; pyroA4; lysB5; sB3; choA1; chaA1  
478 sulA1 adE20; AcrA1 wA3; ActA1; pyroA4; lysB5; sB3; choA1; riboB2 chaA1  
480 proA1 y<sup>o</sup>A91; IodA1; phenA2; methG1; nicA2; sbA3; malA1; riboB2  
487 sulA1; AcrA1; galA1; pyroA4; facA303; lacA1 sB3; choA1; riboB2 chaA1  
513 sulA1 adE20; AcrA1; ActA1; pyroA4; facA303; lacA1 sB3; choA1; chaA1