

strain	Ames strain	specific genotype	sensitivity	publication
YG1021	TA98	+nfsB (pYG216, Tc)	sensitive to nitroarene or aromatic amines	Mutat. Res. 216-211 (1989)
YG1026	TA100	+nfsB (pYG216, Tc)	sensitive to nitroarene or aromatic amines	
YG1024	TA98	+oat (pYG219, Tc)	sensitive to nitroarene or aromatic amines	Mutat. Res. 234-337 (1990)
YG1029	TA100	+oat (pYG219, Tc)	sensitive to nitroarene or aromatic amines	
YG1041	TA98	+nfsB + oat, (pYG233, Km)	sensitive to nitroarene or aromatic amines	Mutat. Res. 291-171 (1993)
YG1042	TA100	+nfsB + oat, (pYG233, Km)	sensitive to nitroarene or aromatic amines	
YG7100	TA1535	Δ ada _{ST} ::Km ^R	slightly sensitive to alkylating agents	J. Bacteriol. 175-5539 (1993)
YG7104	TA1535	Δ ogt _{ST} ::Cm ^R	sensitive to alkylating agents	J. Bacteriol. 177-1511 (1995)
YG7108	TA1535	Δ ada _{ST} ::Km ^R ogt _{ST} ::Cm ^R	sensitive to alkylating agents	
YG7125	TA1535	Δ oat::Cm ^R	insensitive to nitroarene or aromatic amines	Mutat. Res. 439-159 (1999)
YG7126	TA100	Δ oat::Cm ^R	insensitive to nitroarene or aromatic amines	
YG7127	TA1535	Δ nfsB::Km ^R	insensitive to nitroarene or aromatic amines	Mutat. Res. 375-9 (1997)
YG7128	TA100	Δ nfsB::Km ^R	insensitive to nitroarene or aromatic amines	
YG7129	TA1538	Δ oat::Cm ^R	insensitive to nitroarene or aromatic amines	Mutat. Res. 439-159 (1999)
YG7130	TA98	Δ oat::Cm ^R	insensitive to nitroarene or aromatic amines	
YG7131	TA1538	Δ nfsB::Km ^R	insensitive to nitroarene or aromatic amines	Mutat. Res. 375-9 (1997)
YG7132	TA98	Δ nfsB::Km ^R	insensitive to nitroarene or aromatic amines	
YG7133	TA1535	Δ oat::Cm ^R nfsB::Km ^R	insensitive to nitroarene or aromatic amines	not published
YG7135	TA1538	Δ oat::Cm ^R nfsB::Km ^R	insensitive to nitroarene or aromatic amines	not published
YG7167	TA1537	Δ nfsB::Km ^R	insensitive to nitroarene or aromatic amines	Mutagenesis 27-523 (2012)
YG7168	TA102	Δ nfsB::Km ^R	insensitive to nitroarene or aromatic amines	
YG3001	TA1535	mutM _{ST} ::Km ^R	sensitive to ROS generating compounds	Mutat. Res. 393-233 (1997) Env. Mol. Mutagen. 46-141 (2005)
YG3002	TA1975	mutM _{ST} ::Km ^R	sensitive to ROS generating compounds	
YG3003	TA102	mutM _{ST} ::Km ^R	sensitive to ROS generating compounds	
YG3008	TA100	mutM _{ST} ::Km ^R	sensitive to ROS generating compounds	
YG3012	TA1975	mutB::Cm ^R		not published
YG3013	TA102	mutB::Cm ^R		not published
YG3021	TA1535	mutM _{ST} ::Km ^R , mutB::Cm ^R		not published
YG3022	TA1975	mutM _{ST} ::Km ^R , mutB::Cm ^R		not published
YG3023	TA102	mutM _{ST} ::Km ^R , mutB::Cm ^R		not published
YG3201	TA1535	Δ nei::Cm ^R	sensitive to the compounds oxidizing pyrimidines	Genes & Environ. 31-69 (2009)
YG3203	TA1535	Δ nth	sensitive to the compounds oxidizing pyrimidines	
YG3206	TA1535	Δ nth Δ nei::Cm ^R	sensitive to the compounds oxidizing pyrimidines	
YG3216	TA100	Δ nth Δ nei::Cm ^R	sensitive to the compounds oxidizing pyrimidines	
YG5161	TA1538	+ dinB (pYG768, Ap)	sensitive to PAH	DNA Repair 5-465 (2006)
YG7158	TA1538	Δ oat::Cm ^R Δ nfsB::Km ^R		Genes & Environ. 28-23 (2006)
YG5185	TA1538	Δ oat::Cm ^R Δ nfsB::Km ^R /pYG768	sensitive to PAH and insensitive to nitroarenes	
YG5191	TA1535	+ dinB (pYG768, Ap)		not published