

HIV Tat Expression Vectors (Dr. Andrew Rice)

| Reagent | Cat # | Vector | Description |
|------------------------|-------|--------|--|
| GST-Tat 1 86R TK | 2346 | TK | Two exons; wild type expressed |
| GST-Tat 1 86R | 2367 | T | Two exons; wild type expressed |
| GST-Tat 1 86R P18IS | 2365 | T | Two exons; QF (EcoRI site) inserted between aa 18-19; transactivation negative |
| GST-Tat 1 86R C22G | 2366 | T | Two exons; C22→G; transactivation negative |
| GST-Tat 1 86R D2/36 TK | 2345 | TK | aa 2-26 deleted; transactivation negative |
| GST-Tat 1 72R | 2364 | T | One exon; wild type expressed |
| GST-Tat 1 72R P18IS | 2363 | T | One exon; QF (EcoRI site) inserted between aa 18-19; transactivation negative |
| GST-Tat 1 72R C22G | 2362 | T | One exon; C22→G; transactivation negative |
| GST-Tat 1 48D TK | 2344 | TK | Truncated after aa 48; wild type activation domain expressed |
| GST-Tat 1 48D | 2359 | T | Truncated after aa 48; wild type activation domain expressed |
| GST-Tat 1 48D P18IS | 2358 | T | Truncated after aa 48; non-functional activation domain expressed |
| GST-Tat 1 48D C22G | 2361 | T | Truncated after aa 48; non-functional activation domain expressed |
| GST-Tat 2 130R | 2360 | T | Two exons; wild type expressed |
| GST-Tat 2 99R TK | 2347 | TK | One exon; wild type expressed |
| GST-Tat 2 99R | 2354 | T | One exon; wild type expressed |
| GST-Tat 2 99R D8/33 TK | 2348 | TK | One exon; aa 8-33 deleted; reduced transactivation (may be unstable in mammalian cells) |
| GST-Tat 2 99R D8/33 | 2353 | T | One exon; aa 8-33 deleted; reduced transactivation (may be unstable in mammalian cells) |
| GST-Tat 2 99R D8/47 TK | 2349 | TK | One exon; aa 8-47 deleted; transactivation negative (may be unstable in mammalian cells) |
| GST-Tat 2 99R D8/47 | 2352 | T | One exon; aa 8-47 deleted; transactivation negative (may be unstable in mammalian cells) |
| GST-Tat 2 99R 8182A | 2355 | T | One exon; R81, 82→A; transactivation negative (nonfunctional RNA binding domain) |
| GST-Tat 2 99R 8384A | 2356 | T | One exon; R83, 84→A; transactivation negative (nonfunctional RNA binding domain) |
| GST-Tat 2 99R 8184A | 2357 | T | One exon; R81-84→A; transactivation negative (nonfunctional RNA binding domain) |
| GST-Tat 2 90D | 2351 | T | Truncated after aa 90; reduced transactivation |
| GST-Tat 2 84D | 2350 | T | Truncated after aa 84; transactivation negative |