

Table 1. Mechanism of resistance for characterized *tet* and *otr* genes. Modified Dec. 2008

Originally modified from MMBR 2001. 65;232-260 with permission from ASM Journals

Efflux (26)	Ribosomal Protection (11)	Enzymatic (3)	Unknown ^a
<i>tet</i> (A), <i>tet</i> (B), <i>tet</i> (C), <i>tet</i> (D), <i>tet</i> (E)	<i>tet</i> (M), <i>tet</i> (O), <i>tet</i> (S), <i>tet</i> (W), <i>tet</i> (32),	<i>tet</i> (X)	<i>tet</i> (U)
<i>tet</i> (G), <i>tet</i> (H), <i>tet</i> (J), <i>tet</i> (V), <i>tet</i> (Y)	<i>tet</i> (Q), <i>tet</i> (T), <i>tet</i> (36)	<i>tet</i> (37)	
<i>tet</i> (Z), <i>tet</i> (30), <i>tet</i> (31), <i>tet</i> (33)	<i>otr</i> (A), <i>tet</i> B(P) ^b , <i>tet</i>	<i>tet</i> (34)	
<i>tet</i> (35) ^d			
<i>tet</i> (39), <i>tet</i> (41)			
<i>tet</i> (K), <i>tet</i> (L), <i>tet</i> (38)			
<i>tet</i> A(P), <i>tet</i> (40)			
<i>otr</i> (B), <i>otr</i> (C)			
<i>tcr</i>			
tet(42)			

^a *tet* (U) has been sequenced but does not appear to be related to either efflux or ribosomal protection proteins

^b *tet*B(P) is not found alone and *tet*A(P) and *tet*B(P) are counted as one operon; ^c *tet*(X) and *tet*(37) are unrelated but both are NADP-requiring oxidoreductases: *tet*(34) similar to the xanthine-guanine phosphoribosyl transferase genes of *V. cholerae*; ^d Not related to other *tet* efflux genes

tet(40) & *tet*(41) App En Mviro 2007; 73:2199; [tet\(42\) AAC 52:4518](#)

[blue new information](#)