

## Reactions

<b>WID</b>	<b>Name</b>
<u>MG471_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG471_MODIFICATION_002</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG471_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG472_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG472_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG475_MODIFICATION_001</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG479_MODIFICATION_001</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG483_MODIFICATION_001</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG483_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG484_MODIFICATION_001</u>	<u>tRNA (guanine-N(1)-)-methyltransferase</u>
<u>MG484_MODIFICATION_002</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG484_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG485_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG485_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG486_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG486_MODIFICATION_002</u>	<u>tRNA(Ile)-lysidine synthetase</u>
<u>MG486_MODIFICATION_003</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG486_MODIFICATION_004</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG487_MODIFICATION_001</u>	<u>tRNA (guanine-N(1)-)-methyltransferase</u>
<u>MG487_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG488_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG488_MODIFICATION_002</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG488_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG489_MODIFICATION_001</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG490_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG490_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG492_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG492_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>

<u>MG493_MODIFICATION_001</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG495_MODIFICATION_001</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG495_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG496_MODIFICATION_001</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG497_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG497_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG499_MODIFICATION_001</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG500_MODIFICATION_001</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG500_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG501_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG501_MODIFICATION_002</u>	<u>tRNA U34 sulfurtransferase</u>
<u>MG501_MODIFICATION_003</u>	<u>tRNA uridine 5-carboxymethylaminomethyl modification enzyme</u>
<u>MG501_MODIFICATION_004</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG501_MODIFICATION_005</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG502_MODIFICATION_001</u>	<u>tRNA U34 sulfurtransferase</u>
<u>MG502_MODIFICATION_002</u>	<u>tRNA uridine 5-carboxymethylaminomethyl modification enzyme</u>
<u>MG502_MODIFICATION_003</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG502_MODIFICATION_004</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG503_MODIFICATION_001</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG503_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG504_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG504_MODIFICATION_002</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG504_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG506_MODIFICATION_001</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG507_MODIFICATION_001</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG508_MODIFICATION_001</u>	<u>tRNA (guanine-N(1)-)-methyltransferase</u>
<u>MG508_MODIFICATION_002</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG508_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG509_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG509_MODIFICATION_002</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG509_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>

<u>MG510_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG510_MODIFICATION_002</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG510_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG511_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG511_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG512_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG512_MODIFICATION_002</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG512_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG513_MODIFICATION_001</u>	<u>tRNA U34 sulfurtransferase</u>
<u>MG513_MODIFICATION_002</u>	<u>tRNA uridine 5-carboxymethylaminomethyl modification enzyme</u>
<u>MG513_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG514_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG514_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG518_MODIFICATION_001</u>	<u>tRNA pseudouridine synthase A</u>
<u>MG518_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG519_MODIFICATION_001</u>	<u>tRNA (guanine-N(1)-)-methyltransferase</u>
<u>MG519_MODIFICATION_002</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG519_MODIFICATION_003</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG520_MODIFICATION_001</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MG523_MODIFICATION_001</u>	<u>tRNA (guanine-N(7)-)-methyltransferase</u>
<u>MG523_MODIFICATION_002</u>	<u>tRNA U8 sulfurtransferase</u>
<u>MGrrnA16S_MODIFICATION_001</u>	<u>16S rRNA (guanine-N(2)-)-methyltransferase</u>
<u>MGrrnA16S_MODIFICATION_003</u>	<u>16S rRNA (adenine-N(6)-)-methyltransferase</u>
<u>MGrrnA16S_MODIFICATION_004</u>	<u>16S rRNA (adenine-N(6)-)-methyltransferase</u>
<u>MGrrnA16S_MODIFICATION_005</u>	<u>16S rRNA (adenine-N(6)-)-methyltransferase</u>
<u>MGrrnA16S_MODIFICATION_006</u>	<u>16S rRNA (adenine-N(6)-)-methyltransferase</u>
<u>MGrrnA23S_MODIFICATION_002</u>	<u>23S rRNA pseudouridine synthase A</u>
<u>MGrrnA23S_MODIFICATION_003</u>	<u>23S rRNA pseudouridine synthase A</u>
<u>MGrrnA23S_MODIFICATION_004</u>	<u>23S rRNA (guanine-N(2)-)-methyltransferase</u>
<u>MGrrnA23S_MODIFICATION_005</u>	<u>23S rRNA pseudouridine synthase A</u>
<u>MGrrnA23S_MODIFICATION_006</u>	<u>23S rRNA (uracil-N(2)-)-methyltransferase</u>
<u>MGrrnA23S_MODIFICATION_007</u>	<u>23S rRNA pseudouridine synthase A</u>