

gene	mutation desc.
rpoB	S 450 L <sub>743</sub> W <sub>22</sub>
rpoB	P 45 S <sub>7</sub> A <sub>3</sub> L <sub>9</sub> T <sub>2</sub>
rpoB	R 219 C <sub>1</sub>
rpoB	R 225 G <sub>1</sub>
rpoB	D 270 E <sub>1</sub>
rpoB	T 399 I <sub>4</sub> A <sub>5</sub>
rpoB	Q 401 R <sub>1</sub>
rpoB	Q 409 R <sub>5</sub>
rpoB	I 480 V <sub>1</sub>
rpoB	T 482 N <sub>1</sub>
rpoB	P 483 S <sub>1</sub>
rpoB	V 496 G <sub>1</sub> M <sub>3</sub>
rpoB	F 503 S <sub>3</sub>
rpoB	V 534 G <sub>1</sub> A <sub>1</sub>
rpoB	P 577 A <sub>1</sub>
rpoB	R 578 H <sub>1</sub>
rpoB	A 584 D <sub>1</sub>
rpoB	D 631 G <sub>1</sub>
rpoB	M 655 T <sub>1</sub>
rpoB	G 693 D <sub>1</sub>
rpoB	T 702 I <sub>1</sub>
rpoB	L 731 P <sub>8</sub>
rpoB	L 741 F <sub>1</sub>
rpoB	E 761 D <sub>1</sub>
rpoB	R 827 C <sub>3</sub>
rpoB	K 832 E <sub>1</sub>
rpoB	H 835 R <sub>3</sub> P <sub>1</sub>
rpoB	G 836 S <sub>1</sub>
rpoB	L 862 R <sub>2</sub>
rpoB	S 874 Y <sub>1</sub>
rpoB	K 891 E <sub>3</sub>
rpoB	M 920 V <sub>2</sub>
rpoB	S 936 R <sub>1</sub>
rpoB	K 944 E <sub>1</sub>
rpoB	V 970 A <sub>1</sub>
rpoB	F 971 L <sub>1</sub>
rpoB	Q 980 R <sub>1</sub>
rpoB	K 1095 R <sub>1</sub>
rpoB	H 445 P <sub>2</sub> Q <sub>2</sub> L <sub>27</sub> Y <sub>53</sub> R <sub>42</sub> D <sub>25</sub> N <sub>7</sub>
rpoB	D 92 G <sub>1</sub>
rpoB	N 163 K <sub>1</sub>
rpoB	V 168 G <sub>1</sub>
rpoB	E 240 G <sub>1</sub>
rpoB	A 559 V <sub>3</sub>
rpoB	E 563 A <sub>9</sub>
rpoB	T 585 A <sub>1</sub>
rpoB	P 700 L <sub>1</sub>
rpoB	R 871 H <sub>1</sub>
rpoB	E 896 K <sub>1</sub>
rpoB	I 1035 T <sub>1</sub>
rpoB	D 435 H <sub>1</sub> N <sub>2</sub> A <sub>2</sub> Y <sub>27</sub> G <sub>3</sub> V <sub>140</sub>
rpoB	R 167 C <sub>1</sub>
rpoB	Q 172 R <sub>1</sub>
rpoB	T 676 A <sub>1</sub>
rpoB	L 452 V <sub>1</sub> P <sub>24</sub>
rpoB	E 481 A <sub>1</sub>
rpoB	M 434 I <sub>2</sub>
rpoB	T 676 A <sub>1</sub>
rpoB	Q 432 P <sub>5</sub> E <sub>2</sub> L <sub>1</sub> K <sub>5</sub> H <sub>5</sub>
rpoB	L 494 P <sub>2</sub>
rpoB	S 441 L <sub>4</sub>
rpoB	P 280 L <sub>1</sub>