Lepton Family number (*LF*) violating modes, $\Delta B = 2$ forbidden decay via mixing (*B2M*) modes, or $\Delta B = 1$ weak neutral current (*B1*) modes

$e^+ e^-$	*B1*	< 5.9	$\times 10^{-6}$	90%	2639
$\mu^+ \mu^-$	*B1*	< 5.9	$\times 10^{-6}$	90%	2637
$K^0 e^+ e^-$	*B1*	< 3.0	$\times 10^{-4}$	90%	2616
$K^0 \mu^+ \mu^-$	*B1*	< 3.6	$\times 10^{-4}$	90%	2612
$K^*(892)^0 e^+ e^-$	*B1*	< 2.9	$\times 10^{-4}$	90%	2563
$K^*(892)^0 \mu^+ \mu^-$	*B1*	< 2.3	$\times 10^{-5}$	90%	2559
$e^\pm \mu^\mp$	*LF*	[q] < 5.9	$\times 10^{-6}$	90%	2638
$e^\pm \tau^\mp$	*LF*	[q] < 5.3	$\times 10^{-4}$	90%	2340
$\mu^\pm \tau^\mp$	*LF*	[q] < 8.3	$\times 10^{-4}$	90%	2339

B^*

$I(J^P) = \frac{1}{2}(1^-)$

I, *J*, *P* need confirmation. Quantum numbers shown are quark-model predictions.

Mass $m_{B^*} = 5324.8 \pm 2.1$ MeV

$m_{B^*} - m_B = 46.0 \pm 0.6$ MeV

BOTTOM, STRANGE MESONS ($B = \pm 1$, $S = \mp 1$)

$B_s^0 = s\overline{b}$, $\overline{B}_s^0 = \overline{s}\,b$, similarly for B_s^*'s

B_s^0

$I(J^P) = 0(0^-)$

I, *J*, *P* need confirmation. Quantum numbers shown are quark-model predictions.

Mass $m_{B_s^0} = 5375 \pm 6$ MeV (S = 1.3)

Mean life $\tau = (1.34^{+0.32}_{-0.27}) \times 10^{-12}$ s (S = 1.4)

B_s^0-$\overline{B}_s^0$ mixing parameters

$\chi_s = 0.62 \pm 0.13$

$\Delta m_{B_s^0} = m_{B_{sH}^0} - m_{B_{sL}^0} > 1.8 \times 10^{12}\ \hbar\ \mathrm{s}^{-1}$, CL = 95%

$x_s = \Delta m_{B_s^0} / \Gamma_{B_s^0} > 2.0$, CL = 95%