

Fields in the vertex	Variational derivative of Lagrangian by fields
$B_\mu \ B_\nu \ h$	$g \cdot mb \cdot g^{\mu\nu}$
$aP1_a \ p1_b \ B_\mu$	$-g \cdot \gamma_{ab}^\mu$
$aP1_a \ p1_b \ h$	$-\frac{g \cdot m1}{mb} \cdot \delta_{ab}$
$aP2_a \ p2_b \ B_\mu$	$-g \cdot \gamma_{ab}^\mu$
$aP2_a \ p2_b \ h$	$-\frac{g \cdot m2}{mb} \cdot \delta_{ab}$
$aP3_a \ p3_b \ B_\mu$	$-g \cdot \gamma_{ab}^\mu$
$aP3_a \ p3_b \ h$	$-\frac{g \cdot m1}{mb} \cdot \delta_{ab}$