

		gX^3	$\frac{1}{\lambda}H^6$	H^4D^2	X^2H^2	$\frac{1}{y}\psi^2H^3$	$\frac{g}{y}\psi^2XH$	ψ^2H^2D	ψ^4
		1	2	3	4	5	6	7	8
gX^3	1	0	0	0	g^2	0	0	0	0
$\frac{1}{\lambda}H^6$	2	g^2	0	g^2, λ	g^2	y^2	0	g^2, y^2	0
H^4D^2	3	g^2	0	g^2	g^2	0	y^2	g^2	0
X^2H^2	4	g^2	0	0	0	0	0	0	0
$\frac{1}{y}\psi^2H^3$	5	g^2	0	g^2, λ, y^2	g^2	y^2	λ, y^2	g^2, λ, y^2	λ, y^2
$\frac{g}{y}\psi^2XH$	6	g^2	0	0	0	0	g^2, y^2	g^2	g^2
ψ^2H^2D	7	g^2	0	g^2	g^2	0	y^2	g^2, y^2	g^2, y^2
ψ^4	8	g^2	0	0	0	0	y^2	g^2, y^2	g^2, y^2

Table 1. EOM contributions.

		gX^3	$\frac{1}{\lambda}H^6$	H^4D^2	X^2H^2	$\frac{1}{y}\psi^2H^3$	$\frac{g}{y}\psi^2XH$	ψ^2H^2D	ψ^4
		1	2	3	4	5	6	7	8
gX^3	1	g^2	0	0	g^2	0	0	0	0
$\frac{1}{\lambda}H^6$	2	0	λ, g^2	$\frac{g^4}{\lambda}, g^2, \lambda$	$\frac{g^4}{\lambda}, g^2$	$\frac{y^4}{\lambda}$	0	$\frac{y^4}{\lambda}$	0
H^4D^2	3	0	0	g^2, λ	g^2	y^2	0	y^2	0
X^2H^2	4	g^2	0	g^2	g^2, λ	0	y^2	g^2	0
$\frac{1}{y}\psi^2H^3$	5	0	0	g^2, y^2	g^2	g^2, λ, y^2	g^2, λ, y^2	g^2, λ, y^2	y^2
$\frac{g}{y}\psi^2XH$	6	g^2	0	0	g^2	g^2	g^2, y^2	g^2	g^2
ψ^2H^2D	7	0	0	y^2	g^2	y^2	y^2	g^2, λ, y^2	y^2
ψ^4	8	0	0	0	0	0	y^2	y^2	g^2, y^2

Table 2. Direct contributions.