	6	x^3		$x^3\iota_2$	$x^3 \beta \iota_2$	$x^3 \iota_2^2$	$x^3 \iota_2^2 \beta$	$x^3 \iota_2^3$	$x^3 P \beta \iota_2$ $x^3 \iota_2^3 \beta$	$x^3\beta^2P\iota_2$ $x^3\iota_2^4$
$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$	5	αx^2		$\alpha x^2 \iota_2$	$\alpha x^2 \beta \iota_2$	$\alpha x^2 \iota_2^2$	$\alpha x^2 \iota_2^2 \beta$	$\alpha x^2 \iota_2^3$	$\begin{array}{c} \alpha x^2 P \beta \iota_2 \\ \alpha x^2 \iota_2^3 \beta \end{array}$	$\begin{array}{c} \alpha x^2 \beta^2 P \iota_2 \\ \underline{\qquad} \alpha x^2 \iota_2^4 \\ \underline{\qquad} \dots \end{array}$
	4	x^2		$\longrightarrow_{x^2\iota_2}$	$x^2 \beta \iota_2$	$\Rightarrow_{x^2 \iota_2^2}$	$x^2 \iota_2^2 \beta$	$_{x^2 \iota_2^3}$	$x^2 P \beta \iota_2$ $x^2 \iota_2^3 \beta$	$x^2\beta^2P\iota_2$::: $x^2\iota_2^4$
	3	αx		$\alpha x \iota_2$	$\alpha x \beta \iota_2$	$\alpha x \iota_2^2$	$\alpha x \iota_2^2 \beta$	$\alpha x \iota_2^3$	$\begin{array}{c} \alpha x P \beta \iota_2 \\ \alpha x \iota_2^3 \beta \end{array}$	$\begin{array}{c} \alpha x \beta^2 P \iota_2 \\ \underline{\qquad} \dots \\ \underline{\qquad} \alpha x \iota_2^4 \underline{\qquad} \dots \end{array}$
	2	x		$\rightarrow x \iota_2$	$x\beta\iota_2$	$\longrightarrow_{xt_2^2}$	$x\iota_2^2\beta$	$x\iota_2^3$	$xP\beta\iota_2$ $x\iota_2^3\beta$	$x\beta^2P\iota_2$::: $x\iota_2^4$
	1	α		$\alpha\iota_2$	$\alpha eta \iota_2$	$\alpha \iota_2^2$	$\alpha \iota_2^2 \beta$	$\alpha \iota_2^3$	$\alpha P \beta \iota_2$ $\alpha \iota_2^3 \beta$	$\alpha \beta^2 P \iota_2 \qquad \dots \\ \alpha \iota_2^4 \qquad \dots$
	0	1		$\longrightarrow \iota_2$	$eta\iota_2$	$\rightarrow \iota_2^2$	$\longrightarrow \iota_2^2 eta$	ι_2^3	$P\beta\iota_2$ $\iota_2^3\beta$	$\beta^2 P \iota_2$::: ι_2^4
		0	1	2	3	4	5	6	7	8
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$										