

Function	Family	Number of genes in <i>A.thaliana</i>	Number of genes in <i>O.sativa</i>	Number of genes in <i>M.oryzae</i>	Number of gene in <i>S.cerevisiae</i>
Biosynthesis	IPT	7 ^{1,2,3}	8 ^{11,12}	not found	not found
	tRNA-IPT	2 ^{4,5}	2 ¹¹	1 ^b	1 ^c
	LOG	9 ⁶	11 ¹¹	1 ^b	1 ^c
	CYP735A	2 ⁷	2 ¹¹	difficult to identify	2 ^c
	AK	2 ⁸ (3 TAIR)	4 ^a	1 ^b	1 ^c
Degradation	CKX	7 ⁹	11 ¹¹	a lot of enzymes with a putative oxidase activity were found but their role in CKs metabolism is still unclear in fungi	
Transduction signaling	HKs and related proteins	16 ¹⁰	14 ¹³	10 ^{14, 15, 16}	1 ^{18,c}
	HPTs	6 ¹⁰	5 ¹³	1 ^b	1 ^{18, 19c}
	RR-A	11 ¹⁰	22 ¹³ ; 10 ¹¹	1 ^{17, b}	1 ^{18, 20,c}
	RR-B	12 ¹⁰	7 ¹³ ; 13 ¹¹	1 ^{17, b}	1 ^{20,c}

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