

Table S2 Plasmids used in this study

Plasmid	Purpose	Source
pAW1	To construct <i>lox</i> -Cre base strain for <i>rad8</i> Δ FY5622	EUROSCARF: P30537
pAW8-Xhol	To make swap the <i>loxP loxM3</i> flanked region in the genome of FY5622	EUROSCARF: P30585
pLD45	To make swap the <i>loxP loxM3</i> flanked region in FY5622 with <i>rad8</i> ⁺	This study
pLD46	To make swap the <i>loxP loxM3</i> flanked region in FY5622 with <i>rad8-ΔHIRAN</i>	This study
pLD47	To make swap the <i>loxP loxM3</i> flanked region in FY5622 with <i>rad8-K535AT536A</i>	This study
pLD48	To make swap the <i>loxP loxM3</i> flanked region in FY5622 with <i>rad8-I879A</i>	This study
pLD49	To make swap the <i>loxP loxM3</i> flanked region in FY5622 with <i>rad8-K535AT536AI879A</i>	This study
pLD99	To make swap the <i>loxP loxM3</i> flanked region in FY5622 with <i>rad8-ΔHIRAN::SV40NLS</i>	This study
pLD100	To make swap the <i>loxP loxM3</i> flanked region in FY5622 with <i>rad8-ΔHIRAN::Rad8NLS</i>	This study
pLD101	To make swap the <i>loxP loxM3</i> flanked region in FY5622 with <i>rad8-ΔNLS</i>	This study
pLD102	To make swap the <i>loxP loxM3</i> flanked region in FY5622 with <i>rad8-HIRAN</i>	This study
pJK148	Integration at <i>leu1-32</i> locus	Our stock
pLD52	To integrate <i>rad8</i> ⁺ - <i>GFP</i> into <i>leu1-32</i> locus	This study
pLD54	To integrate <i>rad8-K535AT536A-GFP</i> into <i>leu1-32</i> locus	This study
pLD55	To integrate <i>rad8-I879A-GFP</i> into <i>leu1-32</i> locus	This study
pLD56	To integrate <i>rad8-K535AT536AI879A-GFP</i> into <i>leu1-32</i> locus	This study
pLD53	To integrate <i>rad8-ΔHIRAN-GFP</i> into <i>leu1-32</i> locus	This study
pLD96	To integrate <i>rad8-ΔHIRAN::SV40NLS-GFP</i> into <i>leu1-32</i> locus	This study
pLD96	To integrate <i>rad8-ΔHIRAN::Rad8NLS-GFP</i> into <i>leu1-32</i> locus	This study
pLD97	To integrate <i>rad8-ΔNLS-GFP</i> into <i>leu1-32</i> locus	This study
pLD98	To integrate <i>rad8-HIRAN-GFP</i> into <i>leu1-32</i> locus	This study