

**Supplementary Table 1**

		<b>Genotype</b>	<b>Ratio of CZ</b>	<b>The number of lymph gland</b>	
<b>Fig1</b>	<b>C (Top)</b>	Hml-gal4 UAS-GFP x OreR_ Normal food	25.89±8.21	15	
		Hml-gal4 UAS-GFP x OreR_ BPS 100uM	20.5±6.52	17	
		Hml-gal4 UAS-GFP x OreR_ BPS 200uM	21.24±7.28	37	
		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>	
	<b>C (Bottom)</b>	Hml-gal4 UAS-GFP x OreR_ Normal food	48±18	28	
		Hml-gal4 UAS-GFP x OreR_ BPS 100uM	66±29	37	
		Hml-gal4 UAS-GFP x OreR_ BPS 200uM	31±19	45	
		<b>Genotype</b>	<b>Ratio of CZ</b>	<b>The number of lymph gland</b>	
	<b>D (Top)</b>	Hml-gal4 UAS-GFP x OreR_ Normal food	25.89±8.21	15	
		Hml-gal4 UAS-GFP x OreR_ FAC 5mM	29.72±15.29	14	
		Hml-gal4 UAS-GFP x OreR_ FAC 10mM	30.2±13.34	13	
		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>	
	<b>D (Bottom)</b>	Hml-gal4 UAS-GFP x OreR_ Normal food	48±18	28	
		Hml-gal4 UAS-GFP x OreR_ FAC 5mM	40±17	29	
		Hml-gal4 UAS-GFP x OreR_ FAC 10mM	40±22	24	
		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>	
	<b>Fig2</b>	<b>B</b>	NP1-gal4 x OreR	90±35	60
			NP1-gal4 x Mvl RNAi	108±45	11
NP1-gal4 x mfrn RNAi			115±73	14	
NP1-gal4 x Irp-1A RNAi			104±38	13	
NP1-gal4 x Irp-1B RNAi			86±28	13	
NP1-gal4 x Fer1HCH RNAi			286±93	16	

		NP1-gal4 x Fer2LcH RNAi	111±30	14
		NP1-gal4 x Tsf1 RNAi	83±39	14
		Np1-gal4 xTsf3 RNAi	66±44	17
		<b>Genotype</b>	<b>The ratio of CZ</b>	<b>The number of lymph gland</b>
	<b>C</b>	NP1-gal4 x OreR	22.82±7.76	60
		NP1-gal4 x Fer1HCH RNAi	18.20±5.79	16
		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>
	<b>D</b>	Mvl-gal4 x OreR	158±57	23
		Mvl-gal4 x Fer1HCH RNAi	241±106	17
		<b>Genotype</b>	<b>Ratio of CZ</b>	<b>The number of lymph gland</b>
<b>Fig4</b>	<b>A (Top)</b>	Hml-gal4 UAS-GFP x OreR	22.2±16.57	26
		Hml-gal4 UAS-GFP x Fer1HCH RNAi	39.09±14.70	12
		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>
	<b>A (Bottom)</b>	Hml-gal4 UAS-GFP x OreR	66±33	41
		Hml-gal4 UAS-GFP x Fer1HCH RNAi	226±94	31
		<b>Genotype</b>	<b>Ratio of CZ</b>	<b>The number of lymph gland</b>
	<b>B (Top)</b>	Pxn-gal4 UAS-GFP x OreR	49.64±14.79	21
		Pxn-gal4 UAS-GFP x Fer1HCH RNAi	65.19±18.7	19
		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>
	<b>B (Bottom)</b>	Pxn-gal4 UAS-GFP x OreR	101±33	22
		Pxn-gal4 UAS-GFP x Fer1HCH RNAi	247±143	21
		<b>Genotype</b>	<b>Ratio of CZ</b>	<b>The number of lymph gland</b>
	<b>C (Top)</b>	HLT-gal4 x OreR	25.56±17.7	16
		HLT-gal4 x Fer1HCH RNAi	46.36±19	22
		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>
	<b>C (Bottom)</b>	HLT-gal4 x OreR	60±30	37
		HLT-gal4 x Fer1HCH RNAi	115±50	24
		<b>Genotype</b>	<b>Ratio of MZ</b>	<b>The number of lymph gland</b>
	<b>D (Top)</b>	Dome-meso-gal4 UAS-GFP x OreR	49.2±12.28	24
		Dome-meso-gal4 UAS-GFP x Fer1HCH RNAi	36.94±12.9	21
		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>
	<b>D (Bottom)</b>	Dome-meso-gal4 UAS-GFP x OreR	69±31	24
		Dome-meso-gal4 UAS-GFP x Fer1HCH RNAi	30±17	31

		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>
<b>E</b>		nSyb-gal4 x OreR	123±47	17
		nSyb-gal4 x Fer1HCH RNAi	118±44	24
		<b>Genotype</b>	<b>Crystal cell number</b>	<b>The number of lymph gland</b>
<b>F</b>		ppl-gal4 x OreR	49±27	19
		ppl-gal4 x Fer1HCH Ri	76±53	12