

## Description of Additional Supplementary Files

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### **Supplementary Data 1a: 1w Total vs 1w PNCs (Figure 2F)**

Depicted are proteins that exhibit altered amounts in 1w complete animals, relative to 1w pericardial cells.

### **Supplementary Data 1b: Increased in 1w PNCs vs Total (Figure 2G)**

Depicted are proteins with increased abundance in 1w pericardial cells, relative to 1w complete animals. Proteins are allocated to their individual KEGG pathways.

### **Supplementary Data 1c: Increased in 1w Total vs PNCs (Figure 2H)**

Depicted are proteins with increased abundance in 1w complete animals, relative to 1w pericardial cells. Proteins are allocated to their individual KEGG pathways.

### **Supplementary Data 2a: 1w PNCs vs 1w GNCs (Figure 5A')**

Depicted are proteins that exhibit altered amounts in 1w pericardial cells, relative to 1w garland cells.

### **Supplementary Data 2b: Increased in 1w PNCs vs GNCs (Figure 5B')**

Depicted are proteins with increased abundance in 1w pericardial cells, relative to 1w garland cells. Proteins are allocated to their individual KEGG pathways.

### **Supplementary Data 2c: Increased in 1w GNCs vs PNCs (Figure 6A')**

Depicted are proteins with increased abundance in 1w garland cells, relative to 1w pericardial cells. Proteins are allocated to their individual KEGG pathways.

### **Supplementary Data 3a: 1w Total vs 1w GNCs (Figure S1A')**

Depicted are proteins that exhibit altered amounts in 1w complete animals, relative to 1w garland cells.

### **Supplementary Data 3b: Increased in 1w GNCs vs Total (Figure S1B')**

Depicted are proteins with increased abundance in 1w garland cells, relative to 1w complete animals. Proteins are allocated to their individual KEGG pathways.

### **Supplementary Data 3c: Increased in 1w Total vs 1w GNCs (Figure S1C')**

Depicted are proteins with increased abundance in 1w complete animals, relative to 1w garland cells. Proteins are allocated to their individual KEGG pathways.

### **Supplementary Data 4a: larval PNCs vs 1w PNCs (Figure 7A')**

Depicted are proteins that exhibit altered amounts in larval pericardial cells, relative to 1w pericardial cells.

### **Supplementary Data 4b: Increased in larval PNCs vs 1w PNCs (Figure 7B')**

Depicted are proteins with increased abundance in larval pericardial cells, relative to 1w pericardial cells. Proteins are allocated to their individual KEGG pathways.

### **Supplementary Data 4c: Increased in 1w PNCs vs larval PNCs (Figure 7C')**

46 Depicted are proteins with increased abundance in 1w pericardial cells, relative to larval pericardial  
47 cells. Proteins are allocated to their individual KEGG pathways.  
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49 **Supplementary Data 5a: 1w PNCs vs 3w PNCs (Figure 8G)**

50 Depicted are proteins that exhibit altered amounts in 1w pericardial cells, relative to 3w pericardial cells.  
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52 **Supplementary Data 5b: 1w PNCs vs 5w PNCs (Figure 8G)**

53 Depicted are proteins that exhibit altered amounts in 1w pericardial cells, relative to 5w pericardial cells.  
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55 **Supplementary Data 5c: Increased in 3w PNCs vs 1w PNCs (Figure 8H)**

56 Depicted are proteins with increased abundance in 3w pericardial cells, relative to 1w pericardial cells.  
57 Proteins are allocated to their individual KEGG pathways.  
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59 **Supplementary Data 5d: Reduced in 5w PNCs vs 1w PNCs (Figure 8I)**

60 Depicted are proteins with reduced abundance in 5w pericardial cells, relative to 1w pericardial cells.  
61 Proteins are allocated to their individual KEGG pathways.  
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63 **Supplementary Data 6a: 1w GNCs vs 5w GNCs (Figure S2A)**

64 Depicted are proteins that exhibit altered amounts in 1w garland cells, relative to 5w garland cells.  
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66 **Supplementary Data 6b: Increased in 1w GNCs vs 5w GNCs (Figure S2B)**

67 Depicted are proteins with increased abundance in 1w garland cells, relative to 5w garland cells.  
68 Proteins are allocated to their individual KEGG pathways.  
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70 **Supplementary Data 6c: Increased in 5w GNCs vs 1w GNCs (Figure S2C)**

71 Depicted are proteins with increased abundance in 5w garland cells, relative to 1w garland cells.  
72 Proteins are allocated to their individual KEGG pathways.  
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