

# Results Overview

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**Load**

**Libraries**

**Data**

**Experimental Schematic**

**Results**

**2) Water temperature shapes gut microbiome structure**

**2A)**

**2B)**

**2C)**

**2D)**

**3) Parasitic worm burden differs by water temperature**

**\*3A)**

**3B)**

**4) Water temperature differentially stratifies gut microbiome communities of parasite exposed fish**

**4A)**

**4B)**

**4C)**

4D)

5) Water temperature influences gut microbiome's sensitivity to parasite exposure

5A)

5B)

5C)

5D)

6) Water temperature moderates the impact of infection burden on fish gut microbiomes

6A)

6B)

6C)

6D)

7) Gut microbial abundance is significantly associated with environmental conditions and stressors

7A)