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Supporting Information for

**Interaction between mesoscale eddies and the gyre circulation in the Lofoten Basin**

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**Introduction**

The figure shows the seasonality in the vertical structure of Argo float temperature profiles collocated with altimeter-derived cyclonic and anticyclonic eddies in the Lofoten Basin. The methodology used is similar to that in Figure 2b of the main article.

![A close up of a map

Description automatically generated]()

**Figure S1**. Temperature profiles of Argo floats collocated within cyclonic eddies (blue) and anticyclonic eddies (red) in the Lofoten Basin during winter (a) and summer (b).