

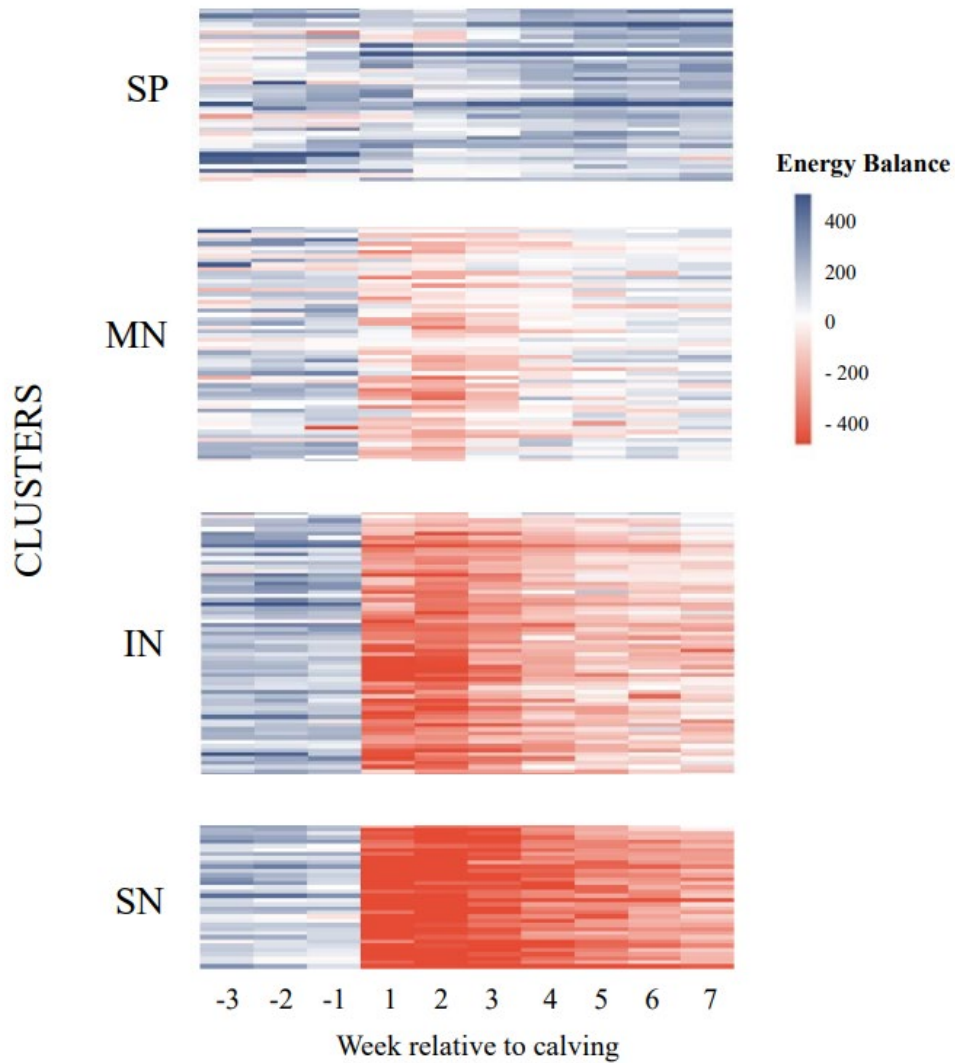
Supplementary Material for Phenotyping metabolic status of dairy cows using clustering of time profiles of energy balance peripartum

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Consensus clustering of energy balance time profiles obtained using only cows with complete EB time series (NO missing data). The cluster solution is identical to the consensus clustering obtained on imputed data shown in **Figure 3a** in the Main text. Each line represents time series of energy balance of an individual cow. Energy balance is expressed in $\text{kJ/kg}^{0.75}$ per day. SP = Stable Positive cow cluster; MN = Mild Negative cow cluster; IN = Intermediate Negative cow cluster, SN = Severe Negative cow cluster.