**Genome-wide population structure and evolutionary history of the Frizarta dairy sheep**

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**Supplementary Figure S3** Heat Map of the genomic relationship matrix along with k-means clustering (k=2-8). H1-H7 denote the 7 herds. EF denote animals of the East Friesian breed. Note that the Frizarta animals could not be assigned to herds based on the k-means clustering method, in contrast to animals of EF origin.