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**Supplementary Fig. S1.** Time series of drift speed for all features of 2007/08. The error bars show range of drift for each time step. The number in the upper right corner refers to the feature’s number in Fig. 5a.

**Supplementary Fig. S2.** Time series of drift speed for all features of 2009/10. The error bars show range of drift for each time step. The number in the upper right corner refers to the feature’s number in Fig. 5a.