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Western Blot

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- 1** Groups of 10 female third instar wandering larvae were collected, frozen in liquid nitrogen and were homogenised in 2× lysis buffer (50 mM TRIS, pH 8.0; 300 mM NaCl; 2 mM EDTA; 1% SDS; 2% Triton X-100) with protease inhibitor cocktail (Roche 11873580001).
- 2** Homogenates were spun down at 13,000 RPM for 30 seconds, and supernatant was collected
- 3** Laemmli buffer was added to supernatant and the resulting solution was boiled at 96° C for 7 minutes
- 4** Samples were run on SDS/PAGE gel, and transferred to nitrocellulose using semi-dry blotting
- 5** Blots were labelled with monoclonal antibodies to the β -subunit of ATP synthase (Abcam AB14730) diluted 1/1500, actin (Abcam AB8224) diluted 1/25,000, the NDUFS3 subunit of Complex I (Abcam AB14711) diluted 1/800