BIOLOGY Had a go 🔲 Nearly there 🔲 Nailed it Thermoregulation Complete the passage using words from the box. Each word may be used once, more than G-E once or not at all. lay flat heat increases stand upright reduces (contract) relax When the body temperature falls below normal the hair erector muscles. Contract This causes the hairs on the skin's surface to Stand upright. This traps a layer of on or near the skin's surface, which acts as an insulator and the duces heat loss. (4 marks) The skin contains sweat glands and blood vessels. Students have struggled with exam Describe how these help to decrease body temperature. questions similar to this - be prepared! Plus ALERT a) blood vessels Guided When the body temperature rises blood vessels You need to be able to explain how each structure in the skin in the skin widen. This causes helps to lose heat or to keep heat in. More heat to Lost from (2 marks) # sweat -(2 marks) Suggest why it is important that body temperature It is important the body temperature is at 37°C because the enzymory works the best at 37°C. It the body temperature is best at 37°C. It the body temperature is lower than the enzymes work slower to need to mention enzyme control (2 mar is maintained at around 37°C. reactions in cells. Name the part of the brain that is responsible for monitoring body temperature. Letre maglation hypotyal hotnalamus (1 mark)