



**Fig. S2. Effects of temperature on vasomotor tone.** Blood vessels (seen as dark lines) in the ear were visualized under fluorescent microscopy before and 5 min after either an intradermal histamine injection, an intradermal serotonin injection, an 18°C thermal probe application (30 s), or a 38°C thermal probe application (30 s). While histamine caused vasodilation (expanding blood vessels: arrows in top row), serotonin caused vasoconstriction (shrinking blood vessels: arrows in second row). Thermal probe application did not change vasomotor tone.