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**Figure S15. Permeabilization of synthetic peptides on mouse blood cells.**

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To identify the cytotoxicity of 24AA-2M and 19AA-2M-tag, the cell permeabilizing effects of the indicated peptides on mouse blood cells were determined by an LDH-based TOX-7 kit (Sigma). Fresh healthy

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mouse blood was treated with the above peptides in the concentrations of 46.25, 92.5, 185 or 370 μM.

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LDH activity was evaluated to determine LDH released from mouse cells. Error bars indicate standard

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errors of the means (SEMs) for three biological replicates. A two-tailed unpaired *t* test was performed

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to determine the statistical significance of the data. ns, no significant difference; \*,  $P < 0.1$ ; \*\*,  $P < 0.01$ .

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The bar graph was visualized with Prism 9 software. N.D., not detected. The raw data underlying this

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Figure can be found in S1\_data.

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