

**PvLEA4\_k5\_sol13\_im1.30266746967\_en223.368802512**  
M F Q T A A D K L A A A K D T V V D T L C S A K D T V K E K V V G A K D A T A D Y L G E K K E Q M R D

MFQTAADKLAAAKD<sup>+</sup>T<sup>+</sup>V<sup>+</sup>VD<sup>+</sup>T<sup>+</sup>L<sup>+</sup>CSAKDTVKE<sup>+</sup>K<sup>+</sup>VVGAKDATADYLGEEKKEQMRD

Heatmap visualization showing the distribution of 1000 random samples across 10 categories (A0101 to B4001). The color scale ranges from 0 (light yellow) to 100 (dark red). The distribution is sparse, with most cells having a value of 0 or 1. Notable concentrations are seen in the first few categories (A0101 to A2601) and the last few (B3901 to B4001).

[illegible]

A1101			.		.	.			.
A2402			.		.	.			.
A2601			.		.	.			.
B1501			.		.	.			.
B3901			.		.	.			.
B4001			.		.	.			.

A2402		.	.	.	.
A2601		.	.	.	.
B1501		.	.	.	.
B3901		.	.	.	.
B4001		.	.	.	.

[illegible]

B1501	.	.	.	.	.
B3901	.	.	.	.	.
B4001	.	.	.	.	.

B3901	.		.	.	.		.
B4001	.		.	.	.		.

[illegible]

MFQTAADKLGA AKD TVVD TLGDAKDTAKEKVVGAKDATADYLG EAKEQMRD

