Supplementary Figure 1

A

% Patients with high/medium PD-L1 protein expression levels

B

% Patients with high/Medium PSEN1 protein expression levels
Supplementary Figure 2

A

| Antibody staining | Antibody HPA05768 |
|-------------------|-------------------|
| High              | High              |
| Medium            | Medium            |
| Low               | Low               |
| Not detected      | Not detected      |

B

| Antibody staining | Antibody HPA05768 |
|-------------------|-------------------|
| Strong            | Strong            |
| Moderate          | Moderate          |
| Weak              | Weak              |
| Negative          | Negative          |
| Strong            | Strong            |
| Moderate          | Moderate          |
| Weak              | Weak              |
| Nuclear           | Nuclear           |
| Cytoplasmic/membraneous | Cytoplasmic/membraneous |
| Cytoplasmic/membraneous/nuclear | None |
Supplementary Figure 3

The figure shows a heatmap with gene names along the rows and columns. The colors indicate the correlation between genes, with P-values above 0.05 marked with a cross and P-values below 0.05 in black. The genes included are:

- AP2B1
- CLTC
- HDAC2
- IPO11
- IPO5
- IPO8
- IPO9
- KPNA2
- KPNB1
- TNPO1
- TNPO3
- VIM