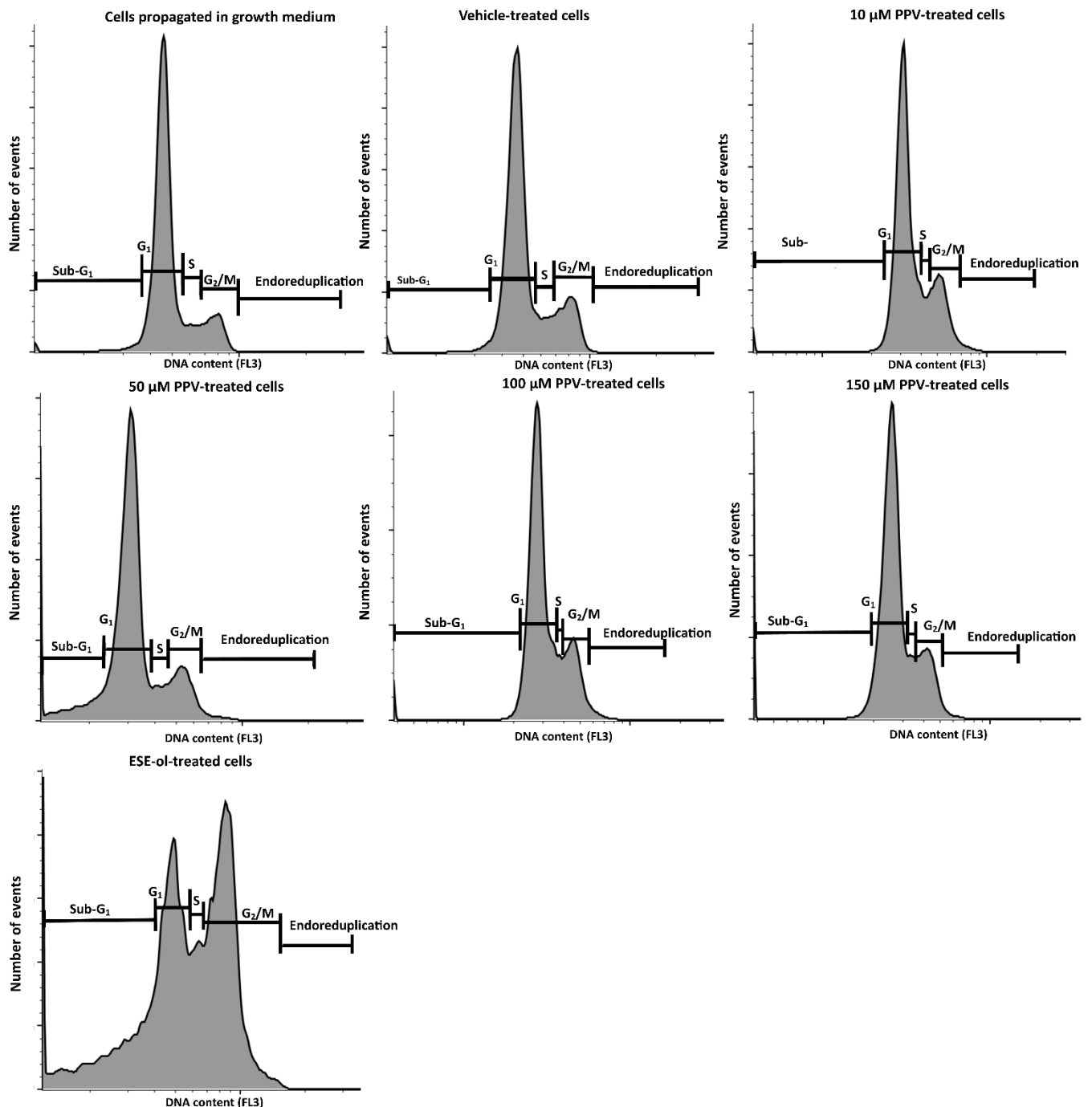


Supplementary figure S1: Flow cytometry results demonstrating the effects of PPV (10-150 μM) on the

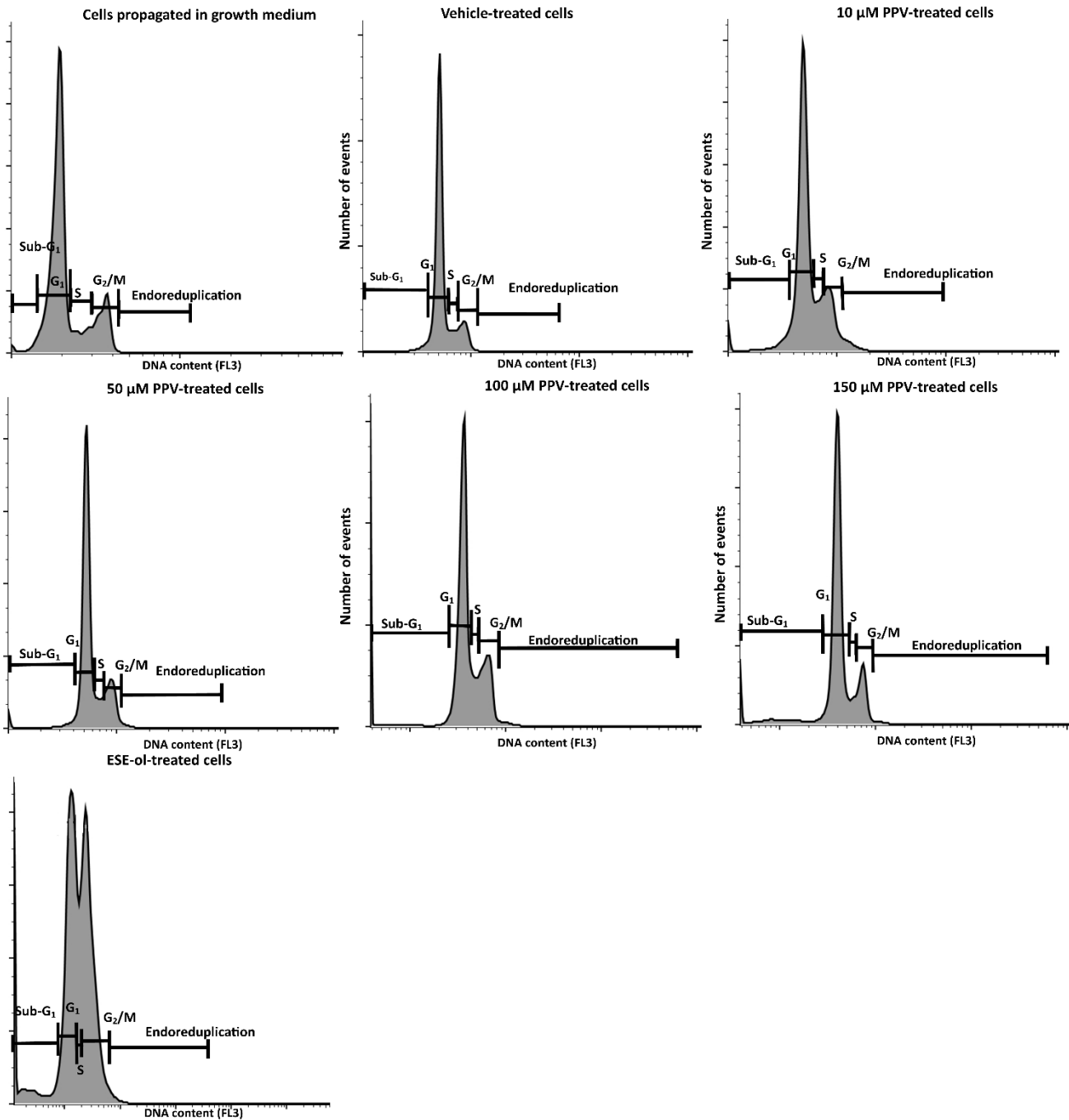
cell cycle on MDA-MB-231-, A549- and DU145 cells at 48 h.

The blue bar represents the percentage of cells in Sub- G_1 phase, the red bar represents the percentage of cells in G_1 phase, the green bar represents the percentage of cells in S phase, the purple bar represents the percentage of cells in G_2/M phase and the yellow bar represents the percentage of cells undergoing endoreduplication. Statistical significance is represented by an * when using the student t-test with a P value of 0.05 compared to cells propagated in growth medium.



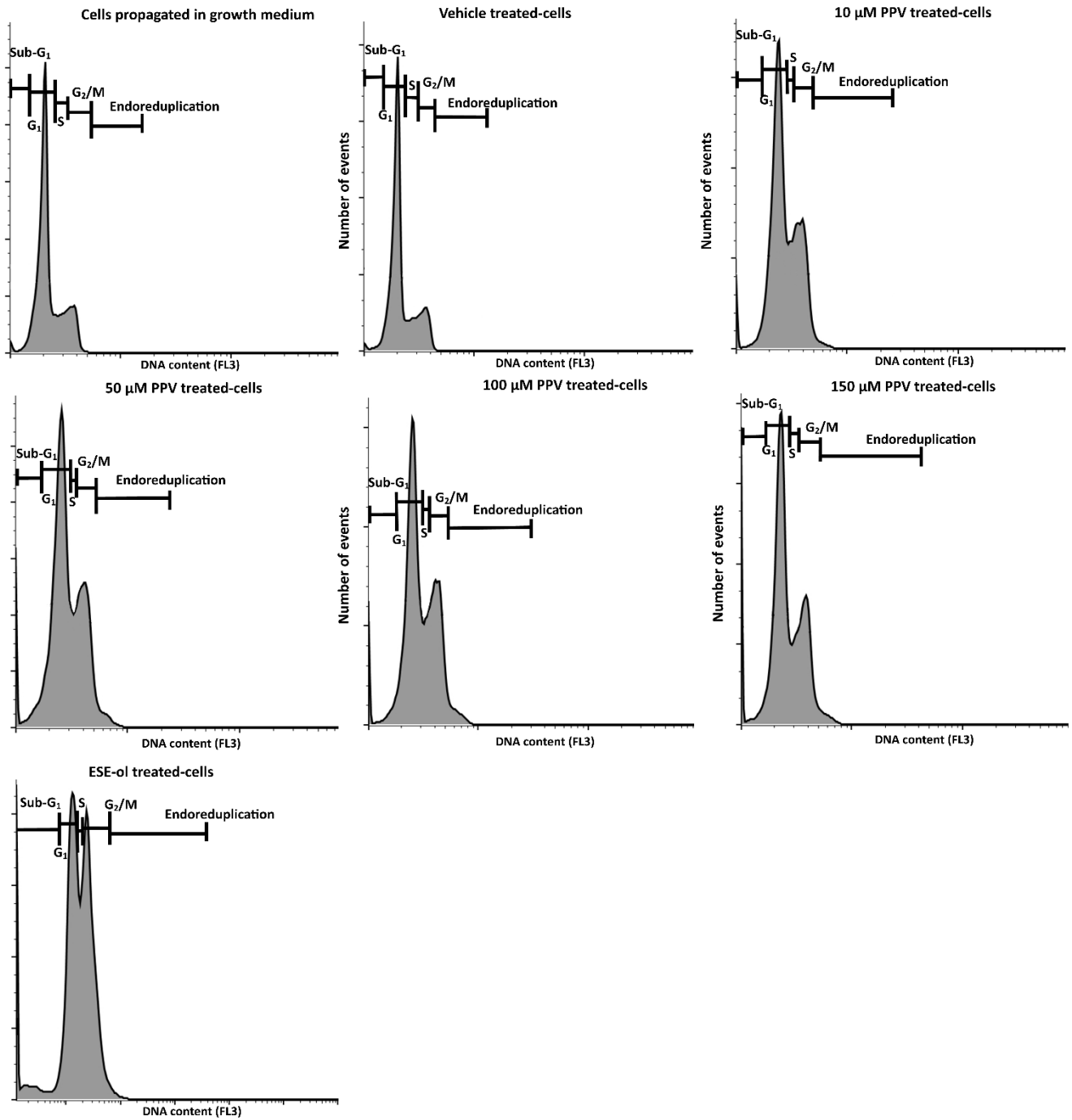
Supplementary figure S2: Cell cycle progression of MDA-MB-231 cells treated with PPV (10-150 μ M) at 48 h.

PPV-treated cells showed an increase in the number of cells in the sub- G_1 phase with an increase in concentration. ESE-ol-treated cells were used as a positive control and resulted in an increase in cell number in the sub- G_1 and G_2/M phase.



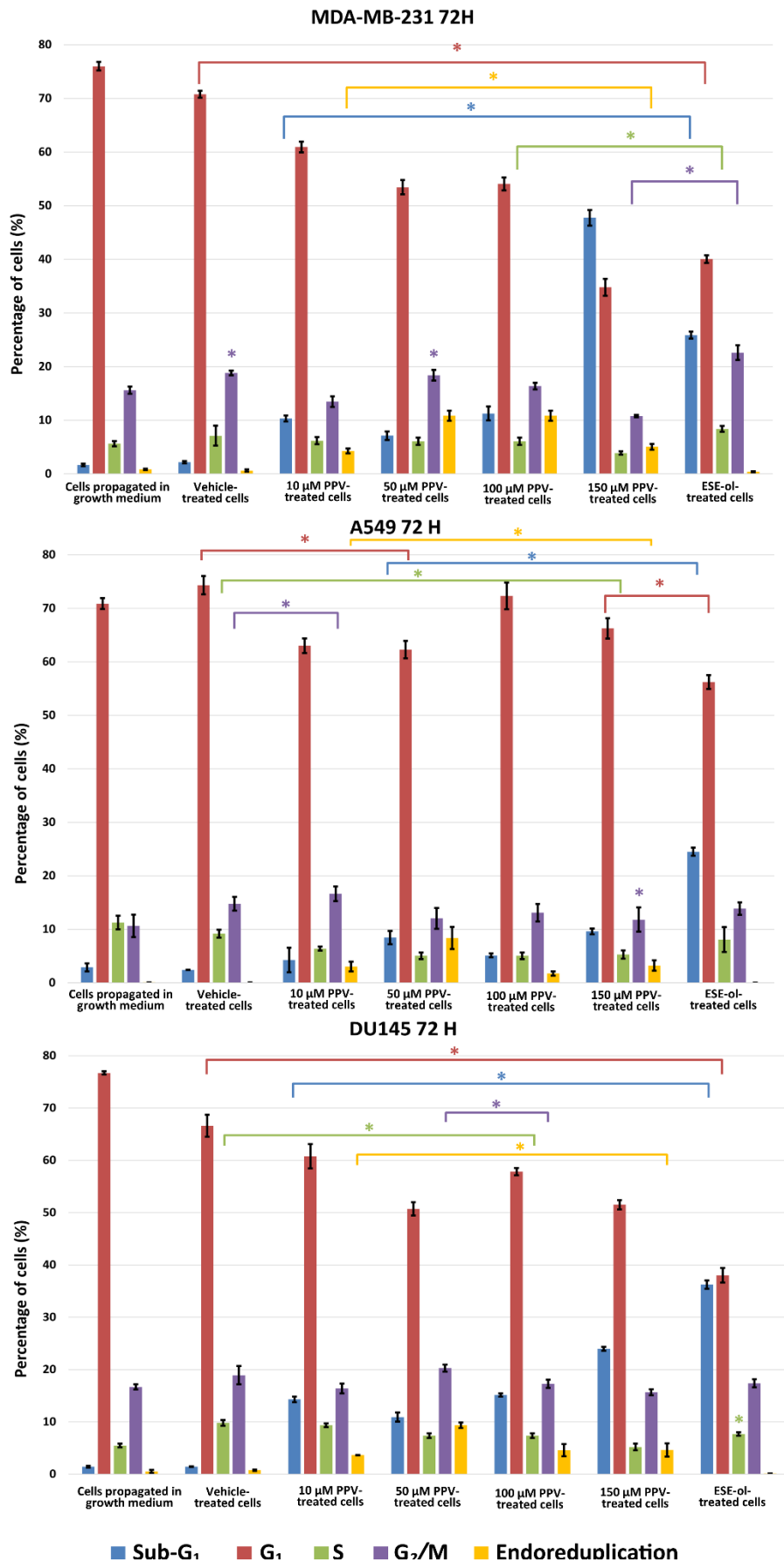
Supplementary figure S3: Cell cycle progression of A549 cells treated with PPV (10-150 μM) at 48 h.

PPV-treated cells showed an increase in the number of cells in the sub- G_1 phase with an increase in concentration. ESE-ol-treated cells were used as a positive control and resulted in an increase in cell number in the sub- G_1 and G_2/M phase.



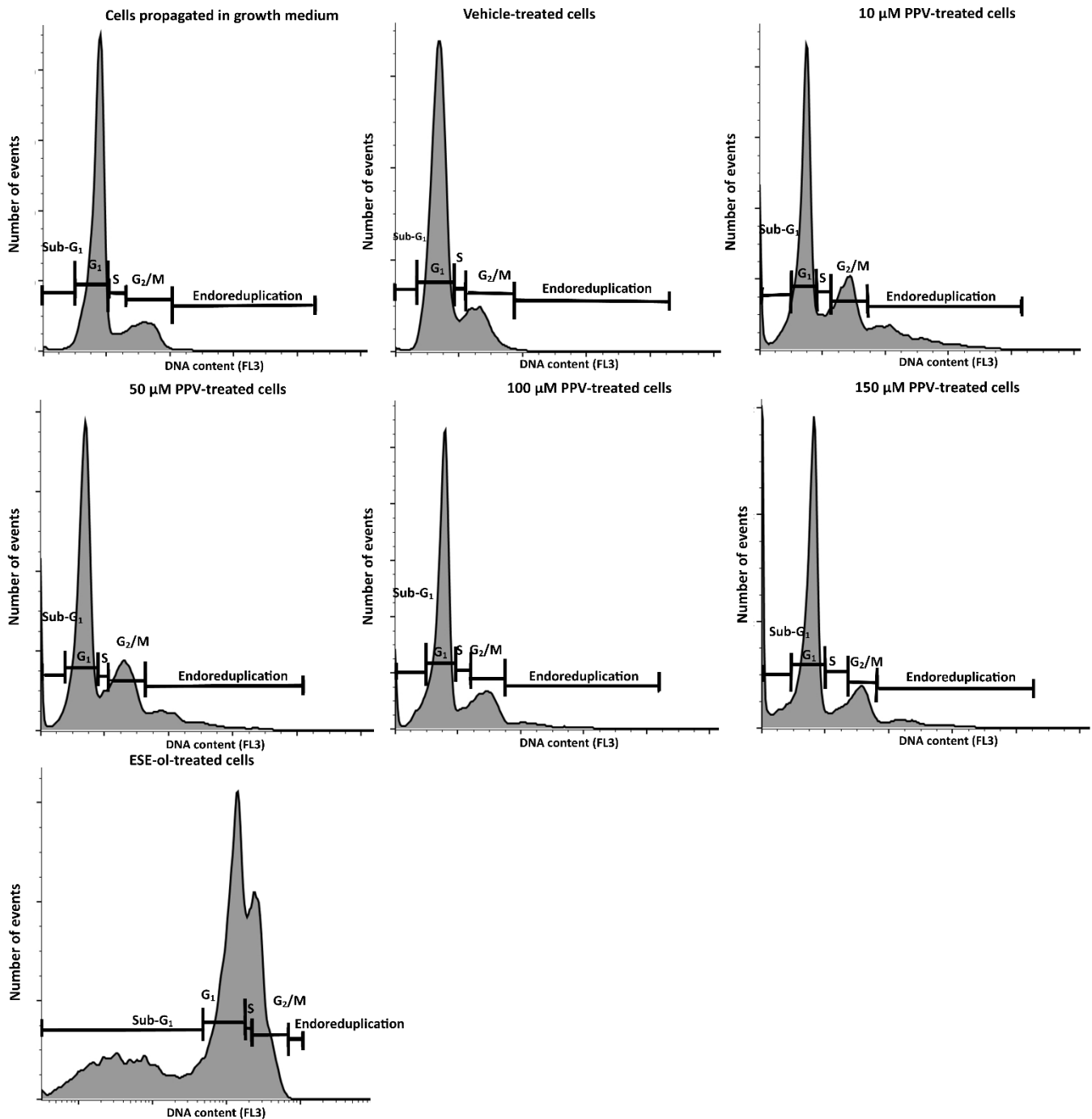
Supplementary figure S4: Cell cycle progression of DU145 cells treated with PPV (10-150 μ M) at 48 h.

PPV-treated cells showed an increase in the number of cells in the sub- G_1 phase with an increase in concentration. ESE-ol-treated cells were used as a positive control and resulted in an increase in cell number in the sub- G_1 and G_2/M phase.



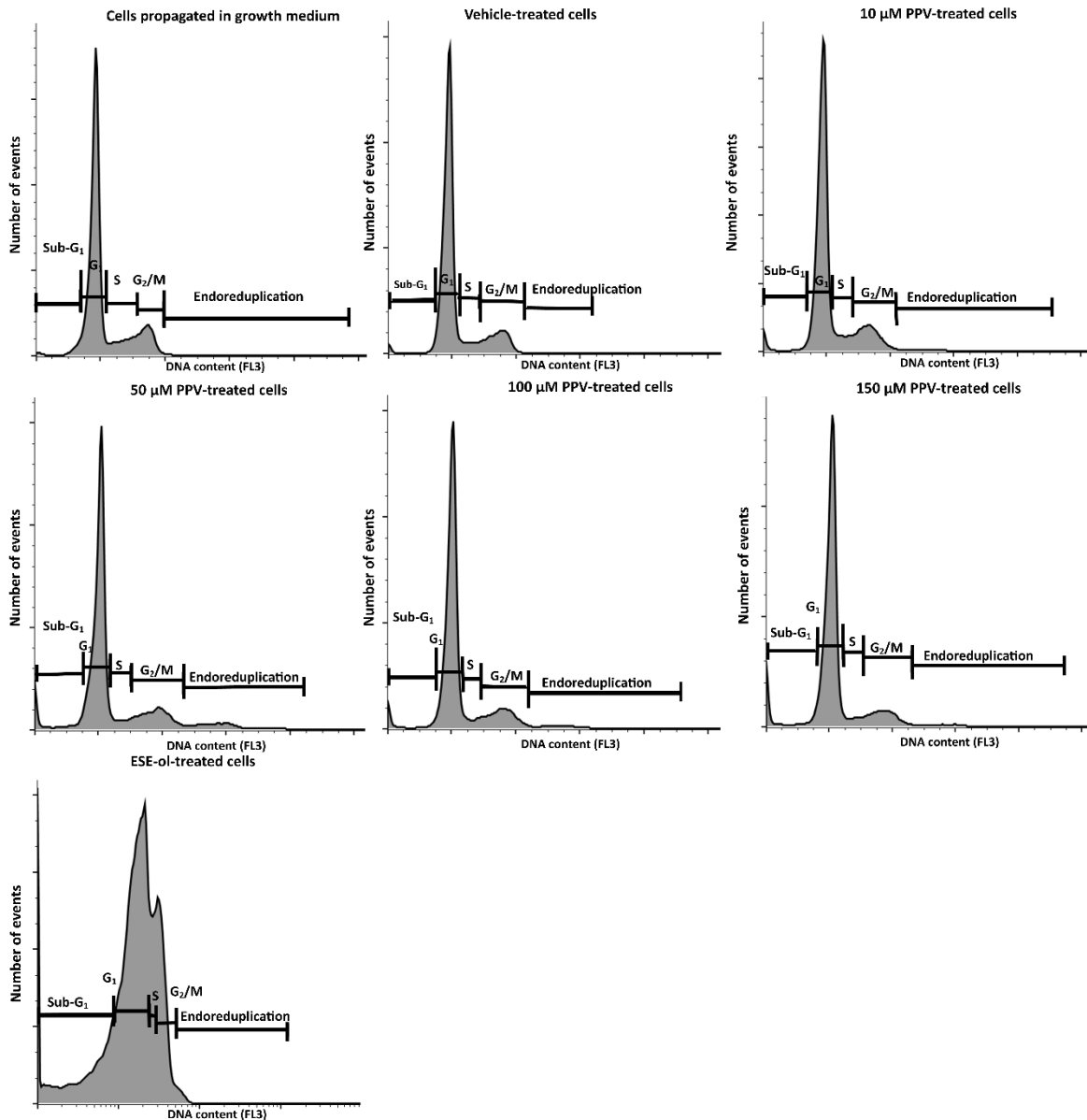
Supplementary figure S5: Flow cytometry results demonstrating the effects of PPV (10-150 μM) on the cell cycle on MDA-MB-231-, A549- and DU145 cells at 72 h.

The blue bar represents the percentage of cells in Sub-G1 phase, the red bar represents the percentage of cells in G1 phase, the green bar represents the percentage of cells in S phase, the purple bar represents the percentage of cells in G2/M phase and the yellow bar represents the percentage of cells undergoing endoreduplication. Statistical significance is represented by an * when using the student t-test with a P value of 0.05 compared to cells propagated in growth medium



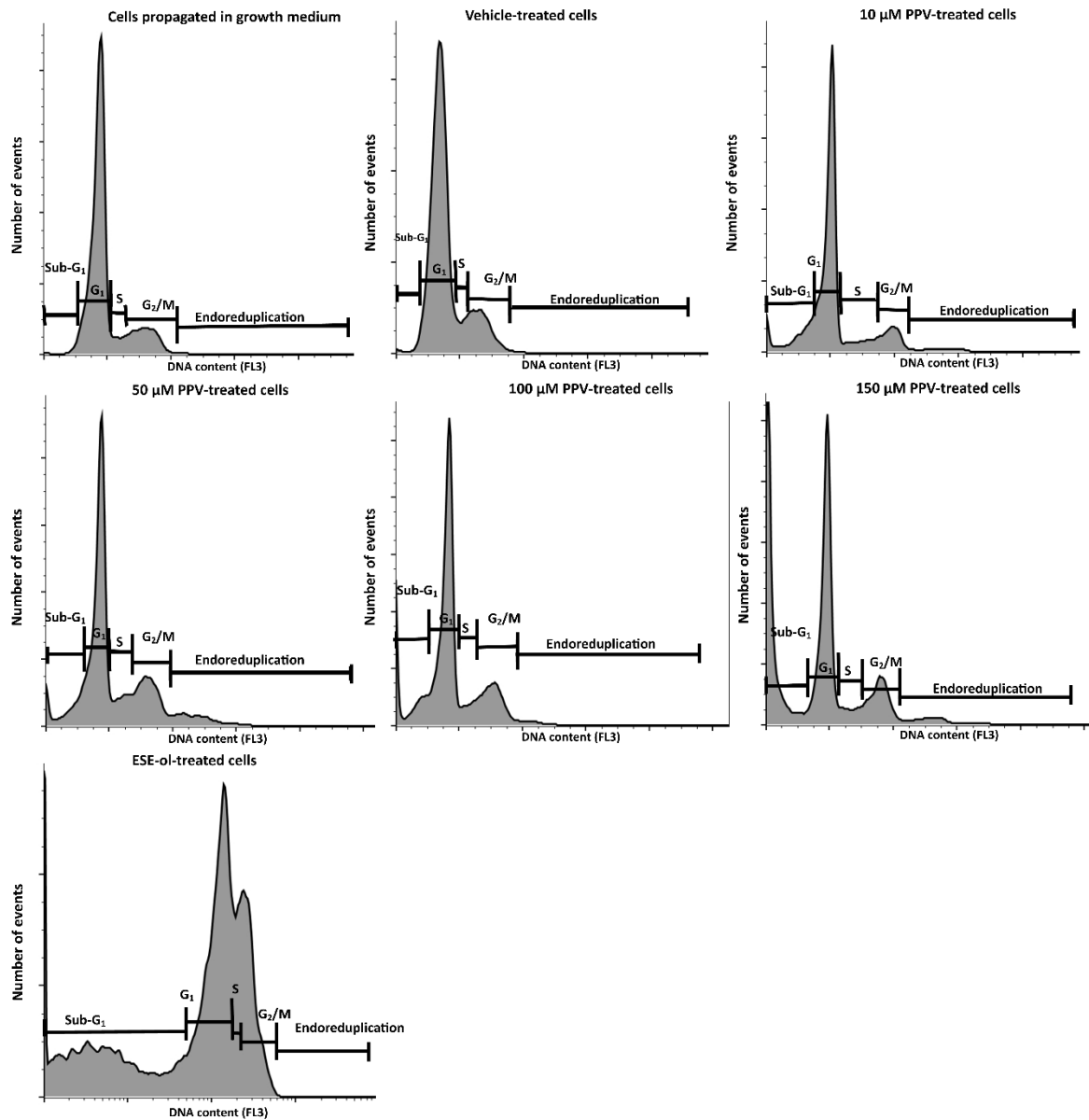
Supplementary figure S6: Cell cycle progression of MDA-MB-231 cells treated with PPV (10-150 μM) at 72 h.

PPV-treated cells showed an increase in the number of cells in the sub-G₁ phase with an increase in concentration. ESE-ol-treated cells were used as a positive control and resulted in an increase in cell number in the sub-G₁ and G₂/M phase.



Supplementary figure S7: Cell cycle progression of A549 cells treated with PPV (10-150 μM) at 72 h.

PPV-treated cells showed an increase in the number of cells in the sub- G_1 phase with an increase in concentration. ESE-ol-treated cells were used as a positive control and resulted in an increase in cell number in the sub- G_1 and G_2/M phase.



Supplementary figure S8: Cell cycle progression of DU145 cells treated with PPV (10-150 μM) at 72 h.

PPV-treated cells showed an increase in the number of cells in the sub- G_1 phase with an increase in concentration. ESE-ol-treated cells were used as a positive control and resulted in an increase in cell number in the sub- G_1 and G_2/M phase.