



Supplementary Figure S1. Plot of individual values of Tie2+ cells percentage in the human NPC population. The black point showed in Figure 3a, this cells thawing in passage 1, and treated with PPAR δ agonist and vehicle control in passage 2. The red point showed cells thawing in passage 1 and then treated with PPAR δ agonist and vehicle control. The green point showed cells thawing in passage 1 and then treated with PPAR δ agonist and untreated control. $n=11$, M-W U test $p=0.00245$, * = p -value < 0.05. Lines represent means \pm standard deviation (SD).

Supplementary Table S1. Donor list of the data presented in supplementary Figure S1 with gender, age, Pfirmann grading, and location of the tissue probe.

No.	Gender	Age	Pfirmann Grade*	Location
1	female	30	1	T3/L4
2	female	45	2	L6/L7
3	male	28	2	L1/L2