

Supplementary Table S9: Prognostic value of PgR and OPG in the LNN subcohorts of individual datasets (sort order according HR of OPG within dataset pools)

| | dataset pool | OPG | | | | PgR | | | |
|---------------|--------------|------|--------|---------|--------------|--------|---------|-------|--------------|
| | | HR | 95% CI | P-Value | HR | 95% CI | P-Value | | |
| London | #1 | 0.29 | 0.07 | 1.33 | 0.112 | 27.31 | <0.01 | >1000 | 0.447 |
| Oxford-Tam | #1 | 0.32 | 0.10 | 0.98 | 0.045 | 0.30 | 0.10 | 0.86 | 0.025 |
| Mainz | #1 | 0.35 | 0.15 | 0.78 | 0.010 | 0.31 | 0.15 | 0.64 | 0.002 |
| Rotterdam | #1 | 0.47 | 0.25 | 0.86 | 0.015 | 0.46 | 0.29 | 0.71 | 0.001 |
| TransBIG | #1 | 0.47 | 0.27 | 0.81 | 0.007 | 0.58 | 0.31 | 1.11 | 0.103 |
| Veridex-Tam | #1 | 0.53 | 0.19 | 1.48 | 0.222 | 0.54 | 0.21 | 1.40 | 0.205 |
| BIG1-98 | #1 | 0.54 | 0.06 | 5.31 | 0.598 | 0.29 | 0.04 | 2.11 | 0.224 |
| Boston_2 | #2 | 0.00 | <0.01 | >1000 | 0.771 | 31.53 | <0.01 | >1000 | 0.725 |
| New York | #2 | 0.03 | <0.01 | >1000 | 0.569 | 46.42 | <0.01 | >1000 | 0.521 |
| SET2 | #2 | 0.44 | 0.06 | 3.40 | 0.430 | 0.56 | 0.18 | 1.77 | 0.326 |
| San Francisco | #2 | 0.73 | 0.22 | 2.40 | 0.605 | 4.26 | 0.54 | 33.40 | 0.168 |
| Oxford-Untr | #2 | 0.86 | 0.23 | 3.18 | 0.821 | 0.64 | 0.19 | 2.13 | 0.468 |
| London-2 | #2 | 1.26 | 0.11 | 14.02 | 0.850 | 33.53 | <0.01 | >1000 | 0.520 |
| Uppsala | #2 | 1.38 | 0.70 | 2.71 | 0.353 | 1.09 | 0.53 | 2.23 | 0.816 |
| SET1 | #2 | 1.43 | 0.42 | 4.96 | 0.568 | 3.27 | 0.41 | 25.90 | 0.261 |
| IPC_HER2 | #2 | 2.44 | 0.70 | 8.52 | 0.163 | 22.39 | <0.01 | >1000 | 0.470 |