

Supplementary Figure 5. Multivariate analysis comparing each of the four miRNA-model (A: *miR-22*, B: *miR-146a*, C: *miR-92a*, D: *miR-330-3p*) with biological and molecular variables in pPCL series. The model was available for all covariates with the exception of the cases (“nd”) in which the occurrence of covariate was radically inversely correlated with being part of the high-risk group (namely, for ASCT in OS analysis) or whenever the configuration of survival data versus covariates value in any group (i.e. the distribution of events) prevented the calculation of hazard ratio model.

A

covariates	HR	lo95%CI	up95%CI	P
<i>miR-22</i> model	0.091	0.017	0.483	0.005
del(13q)	2.340	0.438	12.503	0.320
<i>miR-22</i> model	0.112	0.022	0.561	0.008
del(17p)	1.079	0.295	3.941	0.909
<i>miR-22</i> model	0.097	0.018	0.520	0.007
gain(1q)	0.513	0.131	2.007	0.338
<i>miR-22</i> model	0.113	0.023	0.570	0.008
del(1p)	0.714	0.191	2.668	0.616
<i>miR-22</i> model	0.067	0.010	0.453	0.006
t(11;14)	2.470	0.457	13.356	0.294
<i>miR-22</i> model	0.093	0.016	0.561	0.010
t(4;14)	1.820	0.165	20.121	0.625
<i>miR-22</i> model	0.108	0.021	0.559	0.008
MAF translocations	0.940	0.247	3.576	0.928
<i>miR-22</i> model	0.142	0.025	0.790	0.026
del(8p)	0.842	0.187	3.796	0.823
<i>miR-22</i> model	0.122	0.019	0.779	0.026
ASCT	0.845	0.166	4.290	0.839
<i>miR-22</i> model	0.148	0.030	0.724	0.018
Hb	nd	nd	nd	nd
<i>miR-22</i> model	0.125	0.024	0.643	0.013
LDH	1.668	0.402	6.927	0.481
<i>miR-22</i> model	0.117	0.022	0.626	0.012
creatinine	1.173	0.295	4.658	0.821

B

covariates	HR	lo95%CI	up95%CI	P
<i>miR-146a</i> model	8.469	1.633	43.909	0.011
del(13q)	1.719	0.322	9.162	0.526
<i>miR-146a</i> model	8.342	1.606	43.327	0.012
del(17p)	0.828	0.215	3.188	0.784
<i>miR-146a</i> model	7.988	1.524	41.868	0.014
gain(1q)	0.637	0.168	2.423	0.509
<i>miR-146a</i> model	7.258	1.453	36.260	0.016
del(1p)	0.837	0.228	3.063	0.788
<i>miR-146a</i> model	8.121	1.545	42.681	0.013
t(11;14)	1.111	0.267	4.627	0.885
<i>miR-146a</i> model	9.248	1.524	56.113	0.016
t(4;14)	1.757	0.159	19.444	0.646
<i>miR-146a</i> model	7.570	1.503	38.114	0.014
MAF translocations	1.295	0.361	4.647	0.692
<i>miR-146a</i> model	6.197	1.061	36.205	0.043
del(8p)	0.889	0.191	4.132	0.881
<i>miR-146a</i> model	6.277	1.064	37.016	0.042
ASCT	0.648	0.136	3.100	0.587
<i>miR-146a</i> model	5.771	1.179	28.244	0.031
Hb	nd	nd	nd	nd
<i>miR-146a</i> model	6.902	1.341	35.522	0.021
LDH	1.793	0.441	7.288	0.414
<i>miR-146a</i> model	6.934	1.361	35.326	0.020
creatinine	1.597	0.415	6.146	0.496

C

covariates	HR	lo95%CI	up95%CI	P
<i>miR-92a</i> model	28.410	2.214	364.543	0.010
del(13q)	8.326	0.587	118.094	0.117
<i>miR-92a</i> model	13.060	1.452	117.499	0.022
del(17p)	0.663	0.127	3.453	0.626
<i>miR-92a</i> model	9.896	1.101	88.905	0.041
gain(1q)	1.348	0.236	7.693	0.737
<i>miR-92a</i> model	11.080	1.260	97.456	0.030
del(1p)	1.773	0.328	9.576	0.506
<i>miR-92a</i> model	11.647	1.354	100.165	0.025
t(11;14)	0.899	0.162	4.991	0.903
<i>miR-92a</i> model	9.273	1.078	79.757	0.043
t(4;14)	nd	nd	nd	nd
<i>miR-92a</i> model	12.400	1.410	109.053	0.023
MAF translocations	1.724	0.315	9.437	0.530
<i>miR-92a</i> model	9.298	1.026	84.215	0.047
del(8p)	0.247	0.027	2.247	0.215
<i>miR-92a</i> model	1.372	0.124	15.169	0.796
ASCT	nd	nd	nd	nd
<i>miR-92a</i> model	8.886	1.036	76.225	0.046
Hb	nd	nd	nd	nd
<i>miR-92a</i> model	12.020	1.380	104.724	0.024
LDH	1.378	0.247	7.685	0.715
<i>miR-92a</i> model	11.349	1.309	98.406	0.028
creatinine	1.249	0.221	7.062	0.802

D

covariates	HR	lo95%CI	up95%CI	P
<i>miR-330-3p</i> model	0.087	0.014	0.563	0.010
del(13q)	3.366	0.328	34.513	0.307
<i>miR-330-3p</i> model	0.117	0.021	0.658	0.015
del(17p)	0.944	0.179	4.978	0.946
<i>miR-330-3p</i> model	nd	nd	nd	nd
gain(1q)	nd	nd	nd	nd
<i>miR-330-3p</i> model	0.129	0.022	0.743	0.022
del(1p)	1.053	0.193	5.735	0.952
<i>miR-330-3p</i> model	nd	nd	nd	nd
t(11;14)	nd	nd	nd	nd
<i>miR-330-3p</i> model	0.144	0.026	0.797	0.027
t(4;14)	nd	nd	nd	nd
<i>miR-330-3p</i> model	0.118	0.021	0.666	0.015
MAF translocations	0.989	0.182	5.360	0.990
<i>miR-330-3p</i> model	0.198	0.032	1.228	0.082
del(8p)	0.355	0.038	3.315	0.364
<i>miR-330-3p</i> model	1.823	0.165	20.199	0.625
ASCT	nd	nd	nd	nd
<i>miR-330-3p</i> model	0.149	0.027	0.820	0.029
Hb	nd	nd	nd	nd
<i>miR-330-3p</i> model	0.118	0.021	0.657	0.015
LDH	1.022	0.192	5.448	0.979
<i>miR-330-3p</i> model	0.109	0.018	0.677	0.017
creatinine	0.786	0.122	5.051	0.800