

## Supplementary Tables

**Supplement Table 1. Variables predicting cardiac response among AL patients achieving nFLCr (n=173)**

Variable	HR (95% CI)	P
<b>Univariable analysis</b>		
Male gender	1.15 (0.78-1.73)	0.47
Differential FLC > 18.0 at diagnosis	1.56 (1.07-2.27)	0.022*
Age at diagnosis > 60	0.93 (0.69-1.35)	0.69
Non IgG heavy chain	0.70 (0.38-1.19)	0.20
t(11;14) IGH/CCND1 fusion FISH	1.17 (0.72-1.92)	0.52
-13 chromosome FISH	1.65 (0.97 -2.72)	0.06
Hyperdiploidy FISH	0.93 (0.47-1.67)	0.81
iFLC lambda	1.30 (0.82-2.10)	0.29
<i>Primary treatment</i>		
autologous HCT	1.27 (0.88-1.86)	0.20
melphalan and dexamethasone	0.62 (0.41-0.93)	0.020*
proteasome inhibitor inclusive	1.47 (0.85-2.42)	0.16
Time from treatment to nFLCr <3.8 months	1.12 (0.76-1.62)	0.57
Time from diagnosis to nFLCr < 7.6 months	0.92 (0.63-1.33)	0.65
<b>Multivariable analysis</b>		
-13 chromosome FISH	1.17 (0.67-2.00)	0.57
iFLC lambda	0.99 (0.52-2.10)	0.98
Primary treatment mel/dex	0.49 (0.27-0.86)	0.012*
Differential FLC > 18.0 at diagnosis	2.09 (1.23-3.54)	0.006*

\* indicates  $p < 0.05$

**Supplement Table 2. Variables predicting renal response among AL patients achieving nFLCr (n=240)**

<b>Variable</b>	<b>HR (95% CI)</b>	<b>P</b>
<b>Univariable analysis</b>		
Male gender	0.84 (0.61-1.16)	0.29
Differential FLC > 18.0 at diagnosis	1.21 (0.84-1.72)	0.29
Age at diagnosis > 60	1.05 (0.77-1.44)	0.76
Non IgG heavy chain	0.91 (0.72-1.76)	0.66
t(11;14) IGH/CCND1 fusion FISH	1.04 (0.63-1.48)	0.87
-13 chromosome FISH	1.58 (1.00-2.44)	0.048*
Hyperdiploidy FISH	0.92 (0.50-1.56)	0.76
iFLC lambda	0.59 (0.42-0.83)	0.003*
<i>Primary treatment</i>		
autologous HCT	1.04 (0.76-1.44)	0.80
melphalan and dexamethasone	0.88 (0.60-1.24)	0.47
proteasome inhibitor inclusive	0.81 (0.49-1.36)	0.45
Time from treatment to nFLCr <3.8 months	1.09 (0.80-1.50)	0.58
Time from diagnosis to nFLCr < 7.6 months	1.10 (0.80-1.51)	0.55
24 hour urine protein < 5.5 g/dL	1.48 (1.08-2.03)	0.016*
<b>Multivariable analysis</b>		
-13 chromosome FISH	1.59 (0.99-2.51)	0.055
iFLC lambda	0.55 (0.34-0.90)	0.018*
24 hour urine protein < 5.5 g/dL	1.65 (1.06-2.57)	0.028*
Differential FLC > 18.0 at diagnosis	1.14 (0.66-1.88)	0.63

\* indicates  $p < 0.05$