

**Table S6: Multivariate analysis of pooled clinical trial data on R/R MM patients achieving stringent complete response.** Two baseline characteristics were considered in addition to statin usage as independent variables in a multivariate analysis to evaluate their association with achieving a CR or better, including t(11;14 status) and prior lines of therapy. Cytogenetic risk was not considered as zero patients with high cytogenetic risk achieved stringent complete response. Statin usage is statistically significantly associated with achieving stringent complete response when accounting for t(11;14) status and prior lines of therapy. \* P-value  $\leq 0.05$ ; \*\* P-value  $\leq 0.01$ ; \*\*\* P-value  $< 0.001$ .

Coefficients	Estimate	Std.Error	P-value	Odds Ratio	Lower 95% CI	Upper 95% CI
Intercept	-2.673	0.587	<0.001***			
T(11;14) Status (Positive vs Negative)	0.172	0.751	0.819	1.187	0.273	5.171
Prior Lines Therapy (> 1 vs 1)	-0.172	0.649	0.791	0.842	0.236	3.004
Statin Usage (Yes vs No)	2.004	0.644	0.002**	7.415	2.097	26.221