

**Manuscript “Thrombopoietin mutation in congenital amegakaryocytic thrombocytopenia treatable with romiplostim” by Pecci et al.**

## **APPENDIX**

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**Appendix Table S1. Exact *P*-values for data reported in Figure 2**

<b>Data reported in Panel B</b>		
		<b><i>P</i>-VALUE</b>
<b>FLAG/Actin ratio (a.u.)</b>	p.R119C compared to WT	0.0014
	p.R38C compared to WT	0.0195
<b>THPO/Actin ratio (a.u.)</b>	p.R119C compared to WT	0.0482
	p.R38C compared to WT	0.0136
<b>Data reported in Panel D</b>		
		<b><i>P</i>-VALUE</b>
<b>FLAG/Actin ratio (a.u.)</b>	p.R119C compared to WT 24h	0.0016
	p.R119C compared to WT 48h	0.0693
	p.R38C compared to WT 24h	0.0033
	p.R38C compared to WT 48h	0.0082
<b>THPO/Actin ratio (a.u.)</b>	p.R119C compared to WT 24h	0.0206
	p.R119C compared to WT 48h	0.0431
	p.R38C compared to WT 24h	0.0152
	p.R38C compared to WT 48h	0.0153

**Appendix Table S2. Exact *P*-values for data reported in Figure 3**

		<b><i>P</i>-VALUE</b>
<b>Cell proliferation with THPO-conditioned media 0.5 <math>\mu</math>l</b>	p.R119C compared to WT	0.00019
	p.R38C compared to WT	0.0014
<b>Cell proliferation with THPO-conditioned media 1.0 <math>\mu</math>l</b>	p.R119C compared to WT	0.0005
	p.R38C compared to WT	0.0005

**Appendix Table S3. Exact *P*-values for data reported in Figure 4**

Data reported in Panel B			
			<b><i>P</i>-VALUE</b>
<b>Relative protein THPO/GAPDH (%)</b>	WT CHX compared to WT DMSO	8h	8.800E-05
		24h	0.012
		48h	0.0006

**Appendix Table S4. Exact *P*-values for data reported in Figure 5**

		<b><i>P</i>-VALUE</b>
<b>Cell proliferation with THPO 60 pg/mL</b>	p.R119C compared to WT	0.0175
	p.R38C compared to WT	0.0146
<b>Cell proliferation with 120 pg/mL of THPO</b>	p.R119C compared to WT	0.0162
	p.R38C compared to WT	0.0218
<b>Cell proliferation with 240 pg/mL of THPO</b>	p.R119C compared to WT	0.0043
	p.R38C compared to WT	0.0012

Appendix Table S5. Exact *P*-values for data reported in Figure 6

Data reported in Panel B			
			<b><i>P</i>-VALUE</b>
<b>pSTAT5/STAT5</b>	<b>THPO-conditioned supernatant 0.5 <math>\mu</math>l</b>	p.R119C compared to WT	0.0001
		p.R38C compared to WT	0.0001
	<b>THPO 240 <math>\mu</math>g/mL</b>	p.R119C compared to WT	0.0002
		p.R38C compared to WT	0.014
<b>pAKT/AKT</b>	<b>THPO-conditioned supernatant 0.5 <math>\mu</math>l</b>	p.R119C compared to WT	0.009
		p.R38C compared to WT	0.005
	<b>THPO 240 <math>\mu</math>g/mL</b>	p.R119C compared to WT	0.040
		p.R38C compared to WT	0.011
<b>pERK/ERK</b>	<b>THPO-conditioned supernatant 0.5 <math>\mu</math>l</b>	p.R119C compared to WT	0.007
		p.R38C compared to WT	0.009
	<b>THPO 240 <math>\mu</math>g/mL</b>	p.R119C compared to WT	0.024
		p.R38C compared to WT	0.030