System of equations (25 unknows & 25 equations)

- syms Mpa Msa1 Msa2 Msa3 P1 P2 P3 P4 P5 P6 P7 P8 P9 P2p P3p P5p P7p P9p P3pp
 P5pp P7pp P1ppp P3ppp P5ppp P7ppp
- ff1 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3ppp, P5ppp, P7ppp) -P1/rhoA (1+kent)*(Mpa/rhoA/A1)^2/2;
- ff2 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P1/rhoA + P2/rhoT + (1+kbend+kexp)*(Mpa/rhoT/A2)^2/2 (Mpa/rhoA/A1)^2/2 + g*z2;
- ff3 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P2/rhoT + P3/rhoT + (1+kcont)*(Mpa/rhoT/A3)^2/2 (Mpa/rhoT/A2)^2/2 + g*(z3-z2) + C1*(z3-z2)/rhoT/A2*Mpa + C2*(z3-z2)/rhoT/A2^2*Mpa^2;
- ff4 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p,
 P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P3/rhoT +
 P3ppp/rhoT + g*(z3pp-z3) + C1*(z3pp-z3)/rhoT/A3*Mpa + C2*(z3pp-z3)/rhoT/A3^2*Mpa^2;
- ff5 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3ppp, P5ppp, P7ppp) -P3p/rhoA g*z3p;
- ff6 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P3pp/rhoA + P3p/rhoA (1+kent)*(Msa1/rhoA/A3pp)^2/2;
- ff7 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3pp, P5pp, P5pp, P7pp, P5ppp, P5ppp, P7ppp) -P3pp/rhoA + P3ppp/rhoT + C1*d4/2/rhoT/A3pp*Msa1 + C2*d4/2/rhoT/A3pp^2*Msa1^2;
- ff8 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P3ppp/rhoT + P4/rhoT + (1+kexp)*((Mpa+Msa1)/rhoT/A4)^2/2 ((Mpa+Msa1)/rhoT/A3)^2/2 + g*(z4-z3pp) + C1*(z4-z3pp)/rhoT/A4*(Mpa+Msa1) + C2*(z4-z3pp)/rhoT/A4^2*(Mpa+Msa1)^2;
- ff9 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3pp, P5pp, P5pp, P7pp, P5ppp, P5ppp, P7pp) -P4/rhoT + P5/rhoT + (1+kexp)*((Mpa+Msa1)/rhoT/A5)^2/2 ((Mpa+Msa1)/rhoT/A4)^2/2 + g*(z5-z4);
- ff10 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P5/rhoT + P5ppp/rhoT + g*(z5pp-z5);
- ff11 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3ppp, P5ppp, P7ppp) -P2p/rhoA + P5p/rhoA + g*(z5p-z2);
- ff12 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P5pp/rhoA + P5p/rhoA (0+kent)*(Msa2/rhoA/A5pp)^2/2;

- ff13 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3ppp, P5ppp, P7ppp) -P5pp/rhoA + P5ppp/rhoT + (Msa2/rhoT/A5pp)^2/2 (Msa2/rhoA/A5pp)^2/2;
- ff14 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P5ppp/rhoT + P6/rhoT + g*(z6-z5pp);
- ff15 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p,
 P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P6/rhoT +
 P7/rhoT + g*(z7-z6) + (1)*((Mpa+Msa1+n1*Msa2)/rhoT/A7)^2/2 ((Mpa+Msa1+n1*Msa2)/rhoT/A6)^2/2;
- ff16 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3pp, P5pp, P7pp, P5ppp, P7ppp) -P7/rhoT + P7ppp/rhoT + g*(z7pp-z7);
- ff17 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3ppp, P5ppp, P7ppp) -P5p/rhoA + P7p/rhoA + g*(z7p-z5p);
- ff18 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3ppp, P5ppp, P7ppp) -P7pp/rhoA + P7p/rhoA (0+kent)*(Msa3/rhoA/A7pp)^2/2;
- ff19 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P7pp/rhoA + P7ppp/rhoT + (Msa3/rhoT/A7pp)^2/2 (Msa3/rhoA/A7pp)^2/2;
- ff20 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P7ppp/rhoT + P8/rhoT + g*(z8-z7pp);
- ff21 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p,
 P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P8/rhoT +
 P9/rhoT + g*(z9-z8) + (1)*((Mpa+Msa1+n1*Msa2+n2*Msa3)/rhoT/A9)^2/2 ((Mpa+Msa1+n1*Msa2+n2*Msa3)/rhoT/A8)^2/2;
- ff22 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p,
 P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P9/rhoT +
 P9p/rhoT (1+kexit)*((Mpa+Msa1+n1*Msa2+n2*Msa3)/rhoT/A9)^2/2;
- ff23 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3ppp, P5ppp, P7ppp) -P9p/rhoA q*z9;
- ff24 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P1ppp, P3ppp, P5ppp, P7ppp) -P1ppp/rhoA + P2p/rhoA + (1+kbend+kexp)*((n1*Msa2+n2*Msa3)/rhoA/A2p)^2/2 ((n1*Msa2+n2*Msa3)/rhoA/A1ppp)^2/2 + g*z2;
- ff25 = @(Mpa, Msa1, Msa2, Msa3, P1, P2, P3, P4, P5, P6, P7, P8, P9, P2p, P3p, P5p, P7p, P9p, P3pp, P5pp, P7pp, P3pp, P5pp, P5pp, P7pp, P5ppp, P7pp) -P1ppp/rhoA (1+kent)*((n1*Msa2+n2*Msa3)/rhoA/A1ppp)^2/2;

Constants for 25 equations

Name -	Value	Name -	Value
A1ppp	0.0024	© ff14 ♥ ff15	@(Mpa,Msa1, @(Mpa,Msa1,
→ A2	0.0064	■ ff16	@(Mpa, Msa1,
⊞ A2p ⊞ A3	0.0120	© ff17	@(Mpa, Msa1, @(Mpa, Msa1,
A3pp	0.0064	€ ff19	@(Mpa, Msa1,
⊞ A4	0.0064	FF2	@(Mpa, Msa1,
A5 H A5p	0.0064 0.0120	© ff20 © ff21	@(Mpa,Msa1, @(Mpa,Msa1,
A5pp	1.3273e-04		@(Mpa, Msa1,
⊞ ∆6	0.0064		@(Mpa, Msa1,
A7 A7p	0.0064	€ ff25	@(Mpa, Msa1, @(Mpa, Msa1,
A7pp	1.3273e-04	€ ff3	@(Mpa, Msa1,
A8 H A9	0.0064	₽ ff4 ₽ ff5	@(Mpa,Msa1, @(Mpa,Msa1,
Agr	0.0240	ff6	@(Mpa, Msa1,
b1 b2	0.0800	© ff7 © ff8	@(Mpa,Msa1, @(Mpa,Msa1,
⊞ ы3	0.0800	ff9	@(Mpa, Msa1,
ы взрр	0.0600	() ffun	25x1 cell
b4	0.0800	ffun_numeric	25x1 double 0.0300
₩ b7	0.0800	= 9	9.8100
b7pp BG	0.0800	⊞ Gh	0.0300
± c1	180	Hd i	0.0130
⊞ C1	328.1896	iter	7
======================================	1.8000 2.9101e+03	j.	25
Сь	0.0500	<u>τν</u> 1	25x25 cell 25x25 double
d1h	0.0436	H kbend	1
d2 d2h	0.0800	kcont	0.3000
⊞ d3	0.0800	kent kexit	0.5000
⊞ d4 ⊞ d7	0.0800	H kexp	0.4000
Dchar	0.0200	kgrate	3.1886
⊞ Dgr	0.1000	⊞ Kp ⊞ LG	0.0500
e_max	1.5562e-07 1.0000e-06	H Lgr	0.0800
⊞ e_n	1.5562e-07		16.1516 6.5411
EPchar	0.3500 -2.7500	M_sa2	95.7600
S ff1	@(Mpa,Msa1,M	M_sa3	67.0320
€ ff10	@(Mpa,Msa1,M	Mpa Msa1	1x1 sym 1x1 sym
© ff11	@(Mpa,Msa1,M @(Mpa,Msa1,M	Msa2	1x1 sym
€ ff13	@(Mpa,Msa1,M	Msa3	1x1 sym 3.4700e-05
Table 1	The second secon		- Production
Name 📤	Value	Name A	Value
<u>₩</u> n1	10	P2p	1x1 sym
m2	7	₽3	1x1 sym
₩ Ngr	3		1x1 sym
P1	1x1 sym	P3pp	1x1 sym
😰 Р1ррр	1x1 sym	😰 РЗррр	1x1 sym
P1ppp P2	1x1 sym 1x1 sym	P3ppp P4	1x1 sym 1x1 sym
😰 Р1ррр	1x1 sym 1x1 sym 1x1 sym		1x1 sym 1x1 sym 1x1 sym
© P1ppp © P2 © P2p	1x1 sym 1x1 sym 1x1 sym 1x1 sym	☑ P3ppp ☑ P4 ☑ P5 ☑ P5p	1x1 sym 1x1 sym 1x1 sym 1x1 sym 1x1 sym
© P1ppp © P2 © P2p © P3 © P3p © P3pp	1x1 sym 1x1 sym 1x1 sym	P3ppp P4 P5 P5p P5p	1x1 sym 1x1 sym 1x1 sym
© P1ppp © P2 © P2p © P3 © P3pp © P3pp © P3ppp	1x1 sym 1x1 sym 1x1 sym 1x1 sym 1x1 sym	© P3ppp © P4 © P5 © P5pp © P5pp © P5ppp © P5ppp	1x1 sym 1x1 sym 1x1 sym 1x1 sym 1x1 sym 1x1 sym
@ P1ppp @ P2 @ P2p @ P3 @ P3p @ P3pp @ P3pp @ P4	1x1 sym	© P3ppp © P4 © P5 © P5 © P5pp © P5pp © P5ppp © P6 P7	1x1 sym 1x1 sym 1x1 sym 1x1 sym 1x1 sym 1x1 sym 1x1 sym
© P1ppp © P2 © P2p © P3p © P3p © P3pp © P3ppp © P3ppp © P4 © P5	Ix1 sym	© P3ppp © P4 © P5 © P5p © P5pp © P5pp © P6 P6 P7 © P7	1x1 sym
P1ppp	Ix1 sym	© P3ppp © P4 © P5 © P5p © P5pp © P5ppp © P5ppp © P6 © P7 © P7 © P7p	IAI sym IXI sym
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© P1ppp © P2 © P2p © P3p © P3p © P3pp © P3pp © P3ppp © P5pp © P5p © P5pp © P5pp	Ix1 sym	© P3ppp © P4 © P5 © P5pp © P5pp © P5ppp © P6 P7p © P7pp © P7pp © P7pp	1x1 sym
@ P1ppp @ P2 @ P2p @ P3p @ P3p @ P3pp @ P3pp @ P5pp @ P5p @ P5pp @ P5pp @ P5pp @ P5pp @ P6	Ix1 sym	P3ppp P4 P5 P5 P5 P5 P5 P5 P5 P7 P7 P7 P7 P7 P8 P7pp P8 P9 P9	Ix1 sym
© P1ppp © P2 P2p P3p P3p P3p P3pp P3pp P3pp P5pp P5p P5pp P5p	Ix1 sym	P3ppp P4 P5 P5 P5 P5pp P5pp P5pp P6 P7 P7 P7pp P7pp P8 P8 P9	Ix1 sym
© P1ppp © P2 © P2 © P2p © P3 © P3p © P3pp © P3pp © P5pp © P5pp © P5pp © P5ppp © P6 P6 P7	Ix1 sym	P3ppp P4 P5p P5p P5pp P5pp P5pp P7pp P7p P7pp P7p	IAI sym IXI sym
@ P1ppp @ P2 @ P2p @ P3p @ P3p @ P3pp @ P3pp @ P3pp @ P5pp @ P5p @ P5p @ P5pp @ P5pp @ P5pp @ P7p @ P7p @ P7p	Ix1 sym	P3ppp P4 P5p P5 P5pp P5pp P5pp P7 P7 P7 P7 P7 P7 P7 P9 P7pp P8 P9 P9 P9 P9 Phot	Ix1 sym Ix1 sy
© P1ppp © P2 © P2 © P2p © P3 © P3p © P3pp © P3pp © P5pp © P5pp © P5pp © P5ppp © P6 P6 P7	Ix1 sym	P3ppp	IAI sym IXI sym
P1ppp P2 P2 P2 P2 P3 P3 P3 P3	Ix1 sym	P3ppp P4 P5p P5 P5pp P5pp P5pp P7 P7 P7 P7 P7 P7 P7 P9 P7pp P8 P9 P9 P9 P9 Phot	Ix1 sym Ix1 sy
@ P1ppp @ P2 @ P2p @ P3p @ P3p @ P3pp @ P3pp @ P5pp @ P5p @ P5p @ P5pp @ P5pp @ P7pp @ P7pp @ P7pp @ P8	Ix1 sym	P3ppp P4 P5pp P5pp P5pp P5pp P7 P7 P7pp P7pp P7p	1x1 sym 1x1
© P1ppp © P2 © P2p © P2p © P3p © P3pp © P3pp © P3pp © P5pp © P5p © P5p © P5pp © P5pp © P7pp © P7p © P7pp © P7pp © P7pp © P7pp © P9p □ P9p □ P9p □ P9p □ P9p □ P9p	Ix1 sym Ix1 sy	P3ppp P4 P5 P5 P5 P5pp P5pp P5pp P7 P7 P7 P7pp P7pp	1x1 sym 1x1
© P1ppp	Ix1 sym Ix1 sy	P3ppp P4 P5p P5p P5pp P5pp P5pp P7p P7p P7p P7pp P7p	1x1 sym 1x1
© P1ppp © P2 © P2p © P3p © P3p © P3pp © P3pp © P3pp © P5pp © P5p © P5pp © P5pp © P5pp © P7pp © P7pp © P7pp © P7pp © P7pp © P8 © P9 P9 P9 P9 P9 P9 P9 P1	Ix1 sym Ix1 sy	P3ppp P4 P5p P5 P5pp P5pp P5pp P6 P7pp P7pp P7pp P7pp P8 P9p P9p HohoA HohoA HohoT SAp1 SAp2 SAr3 Tamb Tcs	1x1 sym 1x1 sy
© P1ppp © P2 © P2 © P3p © P3p © P3pp © P3pp © P3ppp © P3ppp © P5p © P5p © P5pp © P5pp © P5pp © P7pp © P8pp P9pp □	Ix1 sym Ix1 sy	P3ppp P4 P5p P5 P5pp P5pp P5pp P7 P7 P7 P7p P7pp P7p	1x1 sym 1x1
© P1ppp	Ix1 sym Ix1 sy	P3ppp P4 P5pP P5pp P5pp P5pp P5pp P6 P6 P7 P7 P7 P7 P7 P7 P7 P7 P8 P7 P9 P7 P9 P9 P9 P9 F1 F1 SAP1 SAP2 SAr1 SAP2 SAr3 Tamb Tcs V_pa	1x1 sym 1x1
© P1ppp	Ix1 sym Ix1 sy	P3ppp P4 P5p P5 P5pp P5pp P5pp P7 P9 P7 P9 P7 P9 P4	1x1 sym 1x1
© P1ppp	Ix1 sym Ix1 sy	P3ppp P3ppp P4 P5p P5p P5pp P5pp P5ppp P6 P7p P7p P7pp P7pp P7pp P8 P9 P9 P9 P9 P9 SAP1 SAP1 SAP2 SAP1 SAP2 SAR1 SAP2 SAR1 SAP2 SAR2 SAR3 Tamb Tcs V_sa1 V_sa1 V_sa2 V_sa3	1x1 sym 1x1 sy
© P1ppp © P2 © P2p © P3p © P3p © P3pp © P3pp © P3pp © P5p © P5p © P5p © P5pp © P5pp © P7pp © P3pp © P3pp © P4 © P5pp © P7pp © P7pp © P7pp © P7pp © P7pp © P7pp © P3pp □ P3pp □ P4pp □ P4pp □ P5pp □ P	Ix1 sym Ix1 sy	P3ppp P4 P5 P5 P5 P5 P5 P5pp P5pp P6 P7 P7 P7 P7 P7 P7 P7 P9 P7pp P8 P9 P9 P9 P9 P4 HhoA HhoA HhoA HhoA HoA HToS HAP Tcs V_pa V_saa1 V_saa2 V_saa3 E0 var	1x1 sym 1x1 sym 1x2 sym
© P1ppp	Ix1 sym Ix1 sy	P3ppp P3ppp P4 P5p P5p P5pp P5pp P5ppp P6 P7p P7p P7pp P7pp P7pp P8 P9 P9 P9 P9 P9 P1 SAP1 SAP1 SAP2 SAR1 SAP2 SAR1 SAP2 SAR1 SAP2 SAR2 SAR3 Tamb Tcs V_sa1 V_sa3 V_sa3 V_sa3 V_sa3 V_sa3 V_rsa3 V_rsa	1x1 sym 1x1 sy
© P1ppp	Ix1 sym Ix1 sy	P3ppp P4 P5pp P5pp P5pp P5pp P5pp P7pp P7pp P7pp	1x1 sym 1x1 sy
© P1ppp © P2 © P2p © P3p © P3pp © P3pp © P3pp © P5pp © P5p © P5pp © P5pp © P5pp © P7pp © P3pp © P3pp © P3pp © P5pp © P7pp © P7p	Ix1 sym Ix1 sy	P3ppp P4 P5p P5 P5pp P5pp P5pp P7 P7 P7 P7 P7 P7 P7 P7 P7 P9 P7 P9 P7 P9 P9 P9 P9 P9 P4 SAP2 SAP1 SAP2 SAP1 SAP2 SAP2 SAP3 Tamb Tcs V_pa Tcs V_sa3 V_sa1 V_sa2 V_sa3 V_sa1 V_sa2 V_sa3 V_sa1 V_sa2 V_sa3 V_rsa1 V_rsa2 V_rsa3 V_rsa1 V_rsa3 V_rsa2 V_rsa3 V_rsa2 V_rsa3 V_rsa3 V_rsa3 V_rsa3 V_rsa4 V_rsa4 V_rsa4 V_rsa4 V_rsa	1x1 sym 1x1 sy
© P1ppp	Ix1 sym Ix1 sy	P3ppp P4 P5p P5p P5pp P5pp P5ppp P6PP P7p P7pp P7pp P7pp P7pp P8PP P9P P9P P9P P9P P40A H0A H0A H0A H0A H0A H0A H0A H0A H0A H	1x1 sym 1x1 sy
© P1ppp	Ix1 sym Ix1 sy	P3ppp P4 P5pP P5pp P5pp P5pp P6pp P7pp P7pp P7pp P7pp P8pp P9p P9p P9p HnhoA HnhoA HnhoA HnbA HnbA HnbA HnbA HnbA HnbA HnbA Hnb	1x1 sym 1x1 sy
© P1ppp	Ix1 sym Ix1 sy	P3ppp P4 P5p P5p P5pp P5pp P5ppp P6PP P7p P7pp P7pp P7pp P7pp P8PP P9P P9P P9P P9P P40A H0A H0A H0A H0A H0A H0A H0A H0A H0A H	1x1 sym 1x1 sy
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P1ppp P2 P2 P2 P2 P2 P3 P3p P3pp P3pp P3pp P4 P5p P5pp P5pp P5pp P5pp P5pp P5pp P5pp P6 P7 P7pp P7pp P7pp P7pp P8 P9 P3pp P3	Ix1 sym Ix1 sy	P3ppp P4 P5pp P5pp P5pp P5pp P5pp P7pp P7pp P7pp	1x1 sym 1x1 sy
© P1ppp © P2 © P2 © P2p © P3p © P3pp © P3pp © P3pp © P5pp © P5pp © P5pp © P5pp © P5pp © P7pp © P3pp □ P3pp □ P4 □ P5 □ P5pp □ P7pp □ P8 □ P9	Ix1 sym Ix1 sy	P3ppp P4 P5 P5 P5 P5 P5 P5pp P5pp P6 P7 P7 P7 P7 P7 P7 P7 P8 P7 P9 P8 P9 P9 P9 P9 P4 HhoA HhoA HhoA HhoA HoA HoA HoA HoA HoA HoA HoA HoA HoA H	1x1 sym 1x1 sy
P1ppp P2 P2 P2 P2 P2 P3 P3 P3	Ix1 sym Ix1 sy	P3ppp P4 P5p P5p P5pp P5pp P5pp P5pp P7pp P7pp P	1x1 sym 1x1 sy
© P1ppp	Ix1 sym Ix1 sy	P3ppp P4 P5p P5 P5pp P5pp P5pp P5ppp P7pp P7pp P	1x1 sym 1x1 sy
© P1ppp	Ix1 sym Ix1 sy	P3ppp P3ppp P4 P5p P5p P5pp P5pp P5ppp P5ppp P7pp P7pp	1x1 sym 1x1 sy
P1ppp P2 P2 P2 P2 P2 P3 P3 P3	Ix1 sym Ix1 sy	P3ppp P4 P5p P5p P5pp P5pp P5ppp P7pp P7pp P7pp	1x1 sym 1x1 sy
© P1ppp © P2 © P2 © P2p © P3p © P3p © P3pp © P3pp © P5p © P5p © P5p © P5pp © P5pp © P7pp © P3pp □ P3pp □ P4 □ P7 □ P7pp □ P3pp □ P4 □ P4 □ P5 □ P5 □ P5 □ P5 □ P5 □ P5 □ P7 □ P7pp □ P7pp □ P7pp □ P8 □ P9 □ P3pp □ P4 □ P4 □ P5 □ P5 □ P5 □ P5 □ P5 □ P7 □ P7pp □ P7pp □ P8 □ P9 □ P1 □ P1 □ P1 □ P2 □ P3 □ P3 □ P3 □ P4	Ix1 sym Ix1 sy	P3ppp P4 P5pp P5pp P5pp P5ppp P5ppp P7pp P7pp P7	1x1 sym 1x1 sy
P1ppp P2 P2 P2 P2 P2 P3 P3 P3	Ix1 sym Ix1 sy	P3ppp P4 P5p P5p P5pp P5pp P5ppp P7pp P7pp P7pp	1x1 sym 1x1 sy

Results

Mpa = 16.15 LPM

Msa1 = 6.54 LPM

Msa2 = 95.76 LPM

Msa3 = 67.03 LPM

P1 = -0.011 Pa

P1ppp = -0.720 Pa

P2 = -0.146 Pa

P2p = -0.657 Pa

P3 = -1.540 Pa

P3p = -1.093 Pa

P3pp = -1.096 Pa

P3ppp = -1.958 Pa

P4 = -2.580 Pa

P5 = -2.720 Pa

P5p = -1.997 Pa

P5pp = -2.421 Pa

P5ppp = -2.750 Pa

P6 = -2.780 Pa

P7 = -2.808 Pa

P7p = -2.216 Pa

P7pp = -2.640 Pa

P7ppp = -2.838 Pa

P8 = -2.867 Pa

P9 = -3.003 Pa

P9p = -2.319 Pa