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MARTIN-LUTHER-UNIVERSITÄT HALLE-WITTENBERG

ABCP0077935

Gerold Wustmann
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Domplatz 1

Martin-Luther-Universität, Halle 4010

requested 29/5
417
arrived 15/8

Dr. G. Ising
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University of Lund
Sölvegatan 29
S-223 62 Lund
Sweden

Ihre Zeichen	Ihre Nachricht vom	Unsere Zeichen	Halle (Saale) 4010,
Betreff:			04.04.89

Dear Dr. Ising,

I would like to inform you about my work with your TE's. It was possible to saturate the region from 28D4 to 30D with deficiencies. I used your TE's 62, 80, 128, 196 and 301. The following deficiencies were isolated:

deficiencies	cytology	remarks
• TE62X1	27E5-F1 ; 28A2-B1	
TE62X2	27E5-F1 ; 28D3.4	
• TE80X1	28D4 ; 28E1	female sterile with Cy-Balancer
• TE128X11	28E4-7 ; 29B2-C1	
• TE128X14	28F1.2 ; 29A2-B1	one band of TE128 is still visible
• TE128X15	29A2-B1 ; 29F2-6 - f_1	dominant female sterile
• TE128X16	28F2-29A1 ; 29D2-E1 f_3	dominant female sterile
TE128X33	29A1.2 ; 29E1.2	dominant female sterile
• TE128X36	29A2-B1 ; 29C2-D1	
• TE128X38	29A2-B1 ; 29F1.2 - f_1	dominant female sterile
• TE128X41	29A1.2 ; 29E1.2 - f_1	dominant female sterile
TE128X45	29A2-B1 ; 29E2-F1	dominant female sterile
TE128X52	29A1.2 ; 29D2-E1	dominant female sterile
• TE196X1...5	29E2-F1 ; 30C2-4	
TE301X1	31A2-B1 ; 31B1-C1	M(2)fs is included

Two deficiencies were kindly provided by Dr. T. Schüpbach, Princeton(N22-3 breakage points: 30A1.2 ; 30D1.2 and N22-5 breakage points: 29D1.2 ; 30C4-D1).
I have carried out some complementation tests. The gene "corrugated" complements with all deficiencies from 28D4 to 30D1.2. The both Df(2L)TE62X1 and Df(2L)TE62X2- chromosomes are marked with corr and b , therefore it is not possible to make complementation tests.

With best regards!
Yours sincerely

Gerold Wustmann

The best greatings from Gunter Reuter!