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(21) International Application Number: PCT/AU99/00195 (22) International Filing Date: 19 March 1999 (19.03.99) (30) Priority Data: <table border="0"> <tr> <td>PP 2492</td> <td>20 March 1998 (20.03.98)</td> <td>AU</td> </tr> <tr> <td>PP 2499</td> <td>20 March 1998 (20.03.98)</td> <td>AU</td> </tr> </table> (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications <table border="0"> <tr> <td>US</td> <td>09/100,812 (CIP)</td> </tr> <tr> <td>Filed on</td> <td>19 June 1998 (19.06.98)</td> </tr> <tr> <td>US</td> <td>09/100,813 (CIP)</td> </tr> <tr> <td>Filed on</td> <td>19 June 1998 (19.06.98)</td> </tr> </table> (71) Applicants (for all designated States except US): AG-GENE AUSTRALIA LIMITED [AU/AU]; Level 4, 62 Pitt Street, Sydney, NSW 2000 (AU). STATE OF QUEENSLAND through its DEPARTMENT OF PRIMARY INDUSTRIES [AU/AU]; Primary Industries Building, 80 Ann Street, Brisbane, QLD 4000 (AU). (72) Inventors; and (75) Inventors/Applicants (for US only): GRAHAM, Michael, Wayne [AU/AU]; 42 Raglan Street, St. Lucia, QLD 4076	PP 2492	20 March 1998 (20.03.98)	AU	PP 2499	20 March 1998 (20.03.98)	AU	US	09/100,812 (CIP)	Filed on	19 June 1998 (19.06.98)	US	09/100,813 (CIP)	Filed on	19 June 1998 (19.06.98)	(AU). RICE, Robert, Norman [AU/AU]; 39 Foley Place, Sinnamon Park, QLD 4073 (AU). (74) Agents: HUGHES, E., John, L. et al.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.
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(54) Title: CONTROL OF GENE EXPRESSION (57) Abstract The present invention relates generally to a method of modifying gene expression and to synthetic genes for modifying endogenous gene expression in a cell, tissue or organ of a transgenic organism, in particular a transgenic animal or plant. More particularly, the present invention utilises recombinant DNA technology to post-transcriptionally modify or modulate the expression of a target gene in a cell, tissue, organ or whole organism, thereby producing novel phenotypes. Novel synthetic genes and genetic constructs which are capable of repressing delaying or otherwise reducing the expression of an endogenous gene or a target gene in an organism when introduced thereto are also provided.															