

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910455191603321 |
| Autore | Vaniushin B. F |
| Titolo | DNA methylation in plants [[electronic resource] /] / Boris F. Vanyushin, Vasili V. Ashapkin |
| Pubbl/distr/stampa | New York, : Nova Biomedical Books, c2009 |
| ISBN | 1-60876-414-1 |
| Descrizione fisica | 1 online resource (164 p.) |
| Altri autori (Persone) | AshapkinVasili V |
| Disciplina | 572.8/2 |
| Soggetti | Plant biochemical genetics DNA - Methylation Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | ""DNA METHYLATION IN PLANTS""; ""NOTICE TO THE READER""; ""CONTENTS""; ""PREFACE""; ""INTRODUCTION""; ""IS THE CYTOSINE DNA METHYLATION AT ALL IMPORTANT?""; ""ARE TRANSPOSABLE SEQUENCES SILENCED BY CYTOSINE METHYLATION?""; ""ARE MULTICOPY GENES SILENCED BY CYTOSINE METHYLATION?""; ""IS GENE SILENCING ALWAYS ASSOCIATED WITH THEIR METHYLATION?""; ""ARE THE EPIGENETIC CHANGES INHERITABLE?""; ""CYTOSINE DNA-METHYLTRANSFERASES: HOW MANY OF THEM ARE NEEDED?""; ""1. MET1 IS A MAJOR CPG-SPECIFIC MAINTENANCE PLANT DNA-METHYLTRANSFERASE"" ""2. CHROMOMETHYLASE IS A PLANT SPECIFIC DNA-METHYLTRANSFERASE""""3. DRM ARE THE PLANT DE NOVO DNA-METHYLTRANSFERASES""; ""ARE THERE SIGNALS FOR THE DE NOVO DNA METHYLATION?""; ""IS DNA METHYLATION ITSELF REGULATED BY DNA METHYLATION?""; ""H3 HISTONE METHYLATION OR HOW DNA METHYLATION PATTERNS ARE ESTABLISHED AND MAINTAINED?""; ""IS DSRNA AN ANOTHER WAY OF ESTABLISHING DNA METHYLATION PATTERNS?""; ""ADENINE DNA METHYLATION""; ""N6-METHYLADENINE IN DNA OF EUKARYOTES""; ""ADENINE DNA-METHYLTRANSFERASES""; ""PUTATIVE ROLE OF ADENINE DNA METHYLATION IN PLANTS""; ""CONCLUSION"" ""ACKNOWLEDGEMENTS""""REFERENCES""; ""INDEX"" |

