Record Nr. UNINA9910785914803321 Evolution of translational omics [[electronic resource]]: lessons learned **Titolo** and the path forward / / Committee on the Review of Omics-Based Tests for Predicting Patient Outcomes in Clinical Trials; Board on Health Care Services; Board on Health Sciences Policy; Christine M. Micheel, Sharvl J. Nass, and Gilbert S. Omenn, editors: Institutes of Medicine of the National Academies Washington, D.C., : National Academies Press, c2012 Pubbl/distr/stampa **ISBN** 1-283-63640-9 0-309-22419-5 Descrizione fisica 1 online resource (338 p.) Altri autori (Persone) MicheelChristine NassSharyl J OmennGilbert S Disciplina 572.33 Soggetti Genomics - Technology Genomics - Data processing Genetic translation - Technology Biomolecules - Analysis Biomolecules - Data processing Bioinformatics - Technology Biotechnology Data mining - Analysis 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. ""Front Matter""; ""Reviewers""; ""Acknowledgments""; ""Contents""; Nota di contenuto ""Boxes, Figures, and Tables""; ""Summary""; ""1 Introduction""; ""2 Omics-Based Clinical Discovery: Science, Technology, and Applications""; ""3 Best Practices for Omics-Based Test Validation Prior to Use for Patient Management Decisions in a Clinical Trial Setting""; ""4 Evaluation of Omics-Based Tests for Clinical Utility and Use""; ""5 Responsible Parties""; ""6 Lessons from the Case Studies""; ""Appendix

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