

**LIST OF DOCUMENTS CONSIDERED**  
**BY FLOYD ROMESBERG, PH.D.**

<b>Exhibit No.</b>	<b>Description</b>
1004	U.S. Patent No. 10,435,742 (“Ju”) – (thymine with allyl proviso)
1016	U.S. Patent No. 9,718,852 (“Ju”) – (adenine)
1017	U.S. Patent No. 9,719,139 (“Ju”) – (thymine)
1018	U.S. Patent No. 9,708,358 (“Ju”) – (cytosine)
1019	U.S. Patent No. 9,725,480 (“Ju”) – (guanine)
1020	U.S. Patent No. 9,868,985 (“Ju”) – (method)
1030	U.S. Patent No. 5,547,839 (“Dower”)
1031	WO 91/06678 (“Tsien”)
1033	Welch et al., “Syntheses of Nucleosides Designed for Combinatorial DNA Sequencing,” Chem. Eur. J., 5:951-960 (1999) (“Welch”)
1037	Alberts et al., “Molecular Biology of the Cell,” Third Edition, Garland Publishing Inc., New York (1994)
1039	Metzker et al., “Termination of DNA synthesis by novel 3’-modified-deoxyribonucleoside 5’-triphosphates,” Nucleic Acids Research, 22:4259-67 (1994) (“Metzker”)
1040	Sanger et al., “DNA sequencing with chain-terminating inhibitors,” Proc. Nat’l Acad. Sci. USA, 74:5463-5467 (1977) (“Sanger”)
1041	Prober et al., “A System for Rapid DNA Sequencing with Fluorescent Chain-Terminating Dideoxynucleotides,” Science, 238:336-341 (1987) (“Prober”)
1042	U.S. Patent No. 5,302,509 (“Cheeseman”)
1043	U.S. Patent No. 5,763,594 (“Hiatt”)

<b>Exhibit No.</b>	<b>Description</b>
1044	Pelletier et al., “Structures of Ternary Complexes of Rat DNA Polymerase $\beta$ , a DNA Template-Primer, and ddCTP,” <i>Science</i> , 264:1891-1903 (1994) (“Pelletier”)
1046	Rosenblum et al., “New dye-labeled terminators for improved DNA sequencing patterns,” <i>Nucleic Acid Research</i> , 25:4500-4504 (1997) (“Rosenblum”)
1050	Canard et al., “Catalytic editing properties of DNA polymerases,” <i>Proc. Nat’l Acad. Sci. USA</i> , 92:10859-10863 (1995) (“Canard”)
1052	Yu et al., “Cyanine dye dUTP analogs for enzymatic labeling of DNA probes,” <i>Nucleic Acids Research</i> , 22:3226-3232 (1994) (“Yu”)
1053	Livak et al., “Detection of single base differences using biotinylated nucleotides with very long linker arms,” <i>Nucleic Acids Research</i> , 20:4831-4837 (1992) (“Livak”)
1054	Stryer, “ <i>Biochemistry</i> ,” Fourth Edition, W.H. Freeman and Co., New York (1995) (“Stryer”)
1055	Watson & Crick, “Genetical Implication of the Structure of Deoxyribonucleic Acid,” <i>Nature</i> , 171:964-967 (1953) (“Watson & Crick”)
1056	U.S. Patent No. 5,151,507 (“Hobbs”)
1060	Hovinen et al., “Synthesis of 3’-O-( $\omega$ -Aminoalkoxymethyl)thymidine 5’-Triphosphates, Terminators of DNA Synthesis that Enable 3’-Labeling,” <i>J. Chem. Soc. Perkin Trans. 1</i> , 211-217 (1994) (“Hovinen”)
1063	Ireland et al., “Approach to the Total Synthesis of Chlorothricolide: Synthesis of ( $\pm$ )-19,20-Dihydro-24- <i>O</i> -methylchlorothricolide, Methyl Ester, Ethyl Carbonate,” <i>J. Org. Chem.</i> 51:635-648 (1986) (“Ireland”)
1070	U.S. Patent No. 5,449,767 (“Ward”)

Exhibit No.	Description
1075	PROTECTIVE GROUPS IN ORGANIC SYNTHESIS (Theodora W. Greene & Peter G.M. Wuts eds., 3rd ed. 1999) (excerpts) (“Greene & Wuts”)
1076	Boss et al., “Cleavage of Allyl Ethers with Pd/C,” <i>Angew. Chem. Int. Ed. Engl.</i> , 15:558-559 (1976) (“Boss”)
1077	Qian et al., “Unexpected Enzymatic Fucosylation of the Hindered Tertiary Alcohol of 3-C-Methyl-N-Acetylactosamine Produces a Novel Analogue of the LeX-Trisaccharide,” <i>J. Am. Chem. Soc.</i> , 120:2184-2185 (1998) (“Qian”)
1096	Lipshutz et al., “Hydrolysis of Acetals and Ketals Using LiBF <sub>4</sub> ,” <i>Synthetic Communications</i> , 12:4, 267-277 (1982)
1097	<i>Curriculum Vitae</i> of Floyd Romesberg, Ph.D.
1099	U.S. Patent No. 7,270,951 (“Stemple”)
1100	Kraevskii et al., <i>Molecular Biology</i> 21:25-29 (1987) (“Kraevskii”)
1104	Seitz et al., HYCRON, an Allylic Anchor for High-Efficiency Solid Phase Synthesis of Protected Peptides and Glycopeptides,” <i>J. Org. Chem.</i> , 62:813-826 (1997) (“Seitz”)
1105	Greenberg et al., “Optimization and Mechanistic Analysis of Oligonucleotide Cleavage from Palladium-Labile Solid-Phase Synthesis Supports,” <i>J. Org. Chem.</i> , 63:4062-4068 (1998) (“Greenberg”)
1106	Guillier et al., “Linkers and Cleavage Strategies in Solid-Phase Organic Synthesis and Combinatorial Chemistry,” <i>Chem. Rev.</i> , 100:2091-2157 (2000) (“Guillier Review 2000”)
1107	Fields, <i>Methods in Molecular Biology</i> , Volume 35, Peptide Synthesis Protocols, Chapter 2, Humana Press 1994 (“Fields”)
1108	Gigg et al., “The Allyl Ether as a Protecting Group in Carbohydrate Chemistry Part II”, <i>J. Chem. Soc. (C)</i> , 1903-1911 (1968) (“Gigg”)

<b>Exhibit No.</b>	<b>Description</b>
1109	IUPAC, Nomenclature of Organic Chemistry, Eds. Rigaudy et al., International Union of Pure and Applied Chemistry, Organic Chemistry Division, Commission on Nomenclature of Organic Chemistry, Pergamon Press, 1979.
1110	CRC Handbook of Chemistry and Physics, eds. Weast et al., 72nd edition, CRC Press (1991)
1111	McGraw-Hill Dictionary of Chemistry, ed. Parker, McGraw-Hill Book Co., 1984
1112	Vollhardt et al., “Organic Chemistry,” W.H. Freeman and Co., New York (2d ed. 1994) (“Vollhardt”)
1113	Solomons, “Organic Chemistry”, Fourth Edition, John Wiley & Sons (1988) (“Solomons”)
1114	Morrison et al., “Organic Chemistry,” Third Edition, Allyn and Bacon, Inc. (1973)
1115	Dominguez et al., “DNA polymerase mu (Pol $\mu$ ), homologous to TdT, could act as a DNA mutator in eukaryotic cells,” The EMBO Journal, 19(7): 1731-1742 (2000) (“Dominguez”)
1116	Ito et al., “Compilation and alignment of DNA polymerase sequences,” Nucleic Acids Research, 19: 4045-4057 (1991) (“Ito”)
1117	Collins et al., “A rapid method for mRNA detection in single-cell Biopsies from preimplantation-stage bovine embryos,” Theriogenology, 43: 1227-1238 (1995) (“Collins”)
1118	Haber et al., “Diagnosis of Flame Chlorosis by Reverse Transcription–Polymerase Chain Reaction (RT-PCR),” Plant Disease, 79(6): 626-630 (1995) (“Haber”)
1119	Sidorova et al., “A rapid RT-PCR based method for the detection of BCR-ABL translocation,” J. Clin Pathol: Mol Pathol 50: 266-268 (1997) (“Sidorova”)

<b>Exhibit No.</b>	<b>Description</b>
1120	Stromskaya et al., “Cell-specific effects of RAS oncogene and protein kinase C agonist TPA on P-glycoprotein function,” FEBS Letters, 368: 373-376 (1995) (“Stromskaya”)
1121	Bechtereva et al., “DNA sequencing with thermostable Tet DNA polymerase from <i>Thermus thermophilus</i> ,” Nucleic Acids Research, 17: 10507 (1989) (“Bechtereva”)
1122	Asakura et al., “Cloning, Nucleotide Sequence, and Expression in <i>Escherichia coli</i> of DNA Polymerase Gene ( <i>polA</i> ) from <i>Thermus thermophilus</i> HB8,” Journal of Fermentation and Bioengineering, 76(4): 265-269 (1993) (“Asakura”)
1123	Ikeda et al., “A Non-radioactive DNA Sequencing Method Using Biotinylated Dideoxynucleoside Triphosphates and $\Delta$ Tth DNA Polymerase,” DNA Research, 2: 225-227 (1995) (“Ikeda”)
1132	List of documents considered by Floyd Romesberg, Ph.D.

33024807