(200607262)

21-04-06

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/040428 A3

(51) International Patent Classification[7]: C12Q 1/68, C12N 15/54, A61K 31/7088, C12N 15/11, C07K 16/40

(21) International Application Number: PCT/US2004/035284

(22) International Filing Date: 22 October 2004 (22.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

| | | |
|---|---|---|
| 60/513,888 | 23 October 2003 (23.10.2003) | US |
| 60/542,373 | 6 February 2004 (06.02.2004) | US |
| 60/554,758 | 19 March 2004 (19.03.2004) | US |
| 60/560,524 | 8 April 2004 (08.04.2004) | US |
| 60/578,323 | 9 June 2004 (09.06.2004) | US |
| 60/583,503 | 28 June 2004 (28.06.2004) | US |
| 60/605,243 | 26 August 2004 (26.08.2004) | US |

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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report: 15 September 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*



*162162*



*ACTION*

(54) Title: DETECTION OF MUTATIONS IN A GENE ASSOCIATED WITH RESISTANCE TO VIRAL INFECTION, OAS1

(57) Abstract: A method for detecting a mutation related to the gene encoding OAS 1. This and other disclosed mutations correlate with resistance of humans to viral infection including hepatitis C. Also provided is a therapeutic agent consisting of a protein or polypeptide encoded by the mutated gene, or a polynucleotide encoding the protein or polypeptide. Inhibitors of human OAS 1, including antisense oligonucleotides, methods, and compositions specific for human OASI, are also provided.

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