

LIST OF NON-CONFIDENTIAL ANNEXES

Annex Number	Title	Confidential
Annex 1	Muscatello G., Catello P., Leadon P., Klay M., Ocampo-Sosa A., Lewis D., Fogarty U., Buckley, T., Gilkerson J., Meijers W., Vazquez-Boland A. <i>Rhodococcus equi</i> infection in foals: the science of 'rattles' Equine Veterinary Journal 2007;39: 470-478.	No
Annex 2	Ocampo-Sosa, A., Lewis, D., Navas, J., Quigley, F., Callejo, R., Scortti, M., Leadon, D., Fogarty, U. and Vasques-Boland, J. Molecular epidemiology of <i>Rhodococcus equi</i> based on traA, vapA, and vapB virulence plasmid markers. J. Infect. Dis. 2007; 196:763-769	No
Annex 3	Topino S, Galati V, Grilli E, Petrosillo N <i>Rhodococcus equi</i> infection in HIV-infected individuals: case reports and review of the literature. AIDS Patient Care STDS. 2010; 24 (4): 211-22.	No
Annex 4	Hondalus, M.K., 1997. Pathogenesis and virulence of <i>Rhodococcus equi</i> . Veterinary Microbiology 56, 257-268	No
Annex 7	Geize R. van der, Jong W. de, Hessels G., Grommen A., Jacobs A., and L. Dijkhuizen L. A novel method to generate unmarked gene deletions in the intracellular pathogen <i>Rhodococcus equi</i> using 5-fluorocytosine conditional lethality Nucleic Acids Research 2008; 36: No. 22 e151	No
Annex 8	Report 10R/0075: Macrophage survival of different <i>Rhodococcus equi</i> deletion mutants	No
Annex 9	Von Bargen, K. and Haas, A. 2009. Molecular and infection biology of the horse pathogen <i>Rhodococcus equi</i> . FEMS Microbiol Reviews 33 870–891	No
Annex 10	Von Bargen, K., Polidori, M., Becken, U., Huth, G., Prescott, J. and Haas, A. <i>Rhodococcus equi</i> virulence associated protein A is required for diversion of phagosome biogenesis but not for cytotoxicity. Infect. Immune. 2009; 77:5676-5681.	No
Annex 20	Dutch licence for deliberate release of the vaccine strain dated 04/Oct/2010.	No
Annex 22	Letek, M., Ocampo-Sosa, A., Sanders, M., Fogarty, U., Buckley, T., Leadon, D.P., Gonzalez, P., Scortti, M., Meijer, W.G., Parkhill, J., Bentley, S. and Vazquez-Boland, J.A. Evolution of the <i>Rhodococcus equi</i> vap pathogenicity island seen through comparison of host-associated vapA and vapB virulence plasmids. Journal of	No

	Bacteriology 2008, 190, 5797-5805	
Annex 23	Yang, J.C., Lessard, P.A., Sengupta, N., Windsor, S.D., O'Brien, X.M., Bramucci, M., Tomb, J.F., Nagarajan, V. and Sinskey, A.J. TraA is required for megaplasmid conjugation in <i>Rhodococcus erythropolis</i> AN12. <i>Plasmid</i> 2007, 57, 55-70.	No
Annex 24	Hughes K. and Sulaiman I. The ecology of <i>Rhodococcus equi</i> and physicochemical influences on growth <i>Veterinary Microbiology</i> 1987; 14: 241-250	No
Annex 26	Wada, R., Kamada, M., Anzai, T., Nakanishi, A., Kanemaru, T., Takai, S. and Tsubaki, S. (1997). Pathogenicity and virulence of <i>Rhodococcus equi</i> in foals following intratracheal challenge. <i>Vet. Microbiology</i> 56:301-312.	No
Annex 27	Chirino-Trejo, J.M., Prescott, J.F., and Yager, J.A. (1987) protection of foals against experimental <i>Rhodococcus equi</i> pneumonia by oral immunization. <i>Can. J. Vet. Res.</i> 51:444-447	No
Annex 28	Takai, S., Kobayashi, C., Murakami, K., Sasaki, Y. and Tsubaki, S. (1999) Live virulent <i>Rhodococcus equi</i> rather than killed or avirulent elicits protective immunity to <i>R. equi</i> infection in mice. <i>FEMS Immunology and Medical Microbiology</i> 24:1-9	No
Annex 29	Hillidge C. Use of erythromycin-rifampin combination in treatment of <i>Rhodococcus equi</i> pneumonia <i>Veterinary Microbiology</i> 1987; 14: 337-342	No
Annex 30	Sweeney C., Sweeney R., Divers T. <i>Rhodococcus equi</i> pneumonia in 48 foals: response to antimicrobial therapy <i>Veterinary Microbiology</i> 1987; 14: 329-336	No
Annex 31	Venner, M., Kerth, R., Klug, E. Evaluation of tulathromycin in the treatment of pulmonary abscesses in foals. <i>The Veterinary Journal</i> 2007; 174: 418-421	No
Annex 32	McLeod MP, Warren RL, Hsiao WW, Araki N, Myhre M, Fernandes C, Miyazawa D, Wong W, Lillquist AL, Wang D, Dosanjh M, Hara H, Petrescu A, Morin RD, Yang G, Stott JM, Schein JE, Shin H, Smailus D, Siddiqui AS, Marra MA, Jones SJ, Holt R, Brinkman FS, Miyauchi K, Fukuda M, Davies JE, Mohn WW, Eltis LD. 2006. The complete genome of <i>Rhodococcus</i> sp. RHA1 provides insights into a catabolic powerhouse <i>PNAS</i> 103 (42): 15582–15587	No

Annex 33	Takai S, Hines S, Sekizaki T, Nicholson V, Alperin D, Osaki M, Takamatsu D, Nakamura M, Suzuki K, Ogino N, Kakuda T, Dan H and Prescott J. 2000b DNA Sequence and comparison of virulence plasmids from <i>Rhodococcus equi</i> ATCC 33701 and 103. Infection and Immunity 2000; Vol 68, No. 12, 6840-6847.	No
Annex 34	Andersen, L., Kilstrup, M. and Neuhard, J. Pyrimidine, purine and nitrogen control of cytosine deaminase synthesis in <i>Escherichia coli</i> K 12. Involvement of the <i>glnLG</i> and <i>purR</i> genes in the regulation of <i>codA</i> expression. Arch. Microbiol. 1989; 152, 115–118.	No
Annex 35	Danielsen, S., Kilstrup, M., Barilla, K., Jochimsen, B. and Neuhard, J. Characterization of the <i>Escherichia coli</i> <i>codBA</i> operon encoding cytosine permease and cytosine deaminase. Mol. Microbiol. 1992; 6, 1335–1344.	No
Annex 36	Heidelberger, C., Danenberg, P.V. and Moran, R.G. Fluorinated pyrimidines and their nucleosides. Adv. Enzymol. Relat. Areas Mol. Biol. 1983; 54, 58–119	No
Annex 37	Gust, B., Challis, G.L., Fowler, K., Kieser, T. and Chater, K.F. PCR-targeted <i>Streptomyces</i> gene replacement identifies a protein domain needed for biosynthesis of the sesquiterpene soil odor geosmin. Proc. Natl Acad. Sci. USA 2003; 100, 1541–1546.	No
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Annex 41	Navas J., González-Zorn B., Ladrón N., Garrido P. and Vázquez-Boland J.A. Identification and mutagenesis by allelic exchange of <i>choE</i> , encoding a cholesterol oxidase from the intracellular pathogen <i>Rhodococcus equi</i> . J. Bacteriol. 2001; 183: 4796-4805.	No
Annex 42	Schematic representation of the gene deletion process applied in the construction of <i>R. equi</i> vaccine strain RG2837.	No
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Annex 56	Plan of the Belmont site including aerial photographs	No
Annex 57	Makrai L., Takai S., Tamura M., Tsukamoto A., Sekimoto R., Sasaki Y., Kakuda T., Tsubaki S., Varga J., Fodor L., Solymosi N., Major A. Characterization of virulence plasmid types in <i>Rhodococcus equi</i> isolates from foals, pigs, humans and soil in Hungary Veterinary Microbiology 2002; 88: 377-384	No
Annex 58	Takai S., Tharavichitkul P., Takarn P., Takai S., Khantawa B., Tamura M., Tsukamoto A., Takayama S., Yamatoda N., Kimura A., Sasaki Y., Kakuda T., Tsubaki S., Maneekarn N., Sirisanthana T., and Kirikae T. Molecular epidemiology of <i>Rhodococcus equi</i> of intermediate virulence isolated from patients with and without acquired immune deficiency syndrome in Chiang Mai, Thailand. Journal of Infectious Diseases 2003; 188: 1717–1723.	No
Annex 59	Overview of the 13 differences between <i>S. equi</i> RE1 and <i>S. equi</i> RG2837 identified in the SNP analysis	No
Annex 61	Van der Geize, R., Grommen. A.W.F., Hessels, G.I., Jacobs, A.A.C. & Dijkhuizen, L. The seteriod catabolic pathway of the intracellular pathogen <i>Rhodococcus equi</i> is important for pathogenesis and a target for vaccine developmement. PLoS Pathogens 2011; 7: 1-16.	No