### S2 Table. Details about CL positive patients

| Cod  | Age (years) | Gender | Municipality (Minas Gerais, Brazil) | Time of onset skin lesion | Type of lesion | Number of lesion | DE | Culture | HE | IHC-HRP | IHC-AP | PCR | Parasity load* |
|------|-------------|--------|------------------------------------|---------------------------|------------------|-----------------|----|---------|----|---------|--------|-----|----------------|
| CL 001 | 3           | M      | Raposos                            | 1                         | ulcer            | 1               | 1  | 1       | 1  | 1       | 1      | 1   | 243,45         |
| CL 002 | 40          | F      | Água boa                           | 1                         | ulcer            | 1               | 9  | 0       | 0  | 0       | 1      | 1   | 0,01           |
| CL 003 | 8           | M      | Belo Horizonte                     | 1                         | ulcer            | 1               | 1  | 1       | 1  | 1       | 1      | 1   | 30,13          |
| CL 004 | 13          | M      | Jequitibá                          | 1                         | ulcer            | 1               | 1  | 1       | 1  | 1       | 1      | 1   | 9633,19        |
| CL 005 | 14          | M      | Santa Luzia                        | 2                         | ulcer            | 1               | 1  | 0       | 1  | 0       | 0      | 1   | 3,06           |
| CL 006 | 52          | F      | Rio Acima                          | 2                         | ulcer            | 1               | 1  | 1       | 0  | 0       | 1      | 1   | 4,54           |
| CL 007 | 40          | M      | Mariana                            | 2                         | plate            | 1               | 0  | 1       | 0  | 0       | 0      | 1   | 6,87           |
| CL 008 | 16          | M      | Santo Antônio do Rio Abaixo        | 2                         | ulcer            | 2               | 1  | 1       | 0  | 1       | 1      | 1   | 4948,81        |
| CL 009 | 19          | M      | Santana do Riacho                  | 2                         | ulcer            | 4               | 1  | 0       | 0  | 1       | 1      | 1   | 9,33           |
| CL 010 | 5           | F      | Governador Valadares               | 2                         | ulcer            | 2               | 1  | 0       | 1  | 1       | 1      | 1   | 85,64          |
| CL 011 | 70          | F      | Santa Luzia                        | 2                         | ulcer            | 3               | 1  | 0       | 1  | 1       | 0      | 1   | 105,84         |
| CL 012 | 21          | M      | Belo Horizonte                     | 2                         | ulcer            | 2               | 1  | 1       | 0  | 0       | 1      | 1   | 239,13         |
| CL 013 | 27          | M      | Juatuba                            | 2                         | ulcer            | 2               | 1  | 1       | 1  | 1       | 1      | 1   | 64,77          |
| CL 014 | 30          | M      | Rio Acima                          | 2                         | ulcer            | 1               | 1  | 1       | 1  | 1       | 1      | 1   | 24894,54       |
| CL 015 | 31          | M      | Belo Horizonte                     | 2                         | ulcer            | 1               | 1  | 0       | 1  | 1       | 1      | 1   | 192,23         |
| CL 016 | 61          | F      | Belo Horizonte                     | 2                         | ulcer            | 1               | 0  | 0       | 0  | 1       | 0      | 1   | 0,59           |
| CL 017 | 32          | M      | Caeté                              | 3                         | ulcer            | 1               | 1  | 1       | 0  | 1       | 1      | 1   | 12675,89       |
| CL 018 | 67          | F      | Rio Acima                          | 3                         | ulcer            | 2               | 0  | 0       | 1  | 1       | 1      | 1   | 1,10           |
| CL 019 | 33          | M      | Santa Luzia                        | 3                         | ulcer            | 1               | 1  | 0       | 1  | 1       | 1      | 1   | 272,67         |
| CL 020 | 36          | M      | Malacacheta                        | 3                         | ulcer            | 2               | 9  | 1       | 0  | 0       | 1      | 1   | 1,43           |
| CL 021 | 67          | F      | Belo Horizonte                     | 3                         | ulcer and        | 1               | 1  | 0       | 1  | 1       | 1      | 1   | 206,56         |
| CL 022 | 38          | M      | Cipolanea                          | 3                         | ulcer            | 1               | 1  | 0       | 1  | 0       | 0      | 1   | 37,16          |
| CL 023 | 42          | M      | Pedro Leopoldo                     | 3                         | ulcer            | 2               | 1  | 1       | 0  | 1       | 1      | 1   | 5267,59        |
| CL 024 | 42          | M      | Água boa                           | 3                         | ulcer e plate    | 2               | 1  | 0       | 1  | 1       | 1      | 1   | 227,55         |
| CL 025 | 42          | M      | Betim                              | 3                         | ulcer and        | 3               | 1  | 0       | 0  | 0       | 0      | 1   | 0,23           |
| CL 026 | 43          | M      | Presidente Juscelino               | 3                         | ulcer            | 1               | 1  | 1       | 1  | 1       | 1      | 1   | 41498,43       |
| CL 027 | 45          | M      | Bebedouro                          | 4                         | ulcer            | 2               | 0  | 0       | 1  | 1       | 1      | 1   | 0,04           |
| CL 028 | 46          | M      | Ladainha                           | 4                         | ulcer            | 15              | 0  | 0       | 0  | 1       | 1      | 1   | 0,55           |
| CL 029 | 47          | M      | Sabará                             | 4                         | ulcer            | 1               | 1  | 1       | 1  | 1       | 1      | 1   | 294239,53      |
| CL 030 | 53          | F      | Sabará                             | 4                         | ulcer            | 2               | 1  | 0       | 1  | 1       | 1      | 1   | 7,60           |
| CL 031 | 47 | M | Belo Horizonte | 4 | ulcer | s | 1 | 1 | 1 | 1 | 1 | 1 | 218419.56 |
| CL 032 | 50 | M | Graminhã | 4 | ulcer | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0.79 |
| CL 033 | 45 | F | Contagem | 4 | ulcer | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 45.30 |
| CL 034 | 50 | M | Belo Horizonte | 4 | ulcer | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 55.63 |
| CL 035 | 50 | M | Sabará | 4 | ulcer | 3 | 9 | 0 | 1 | 1 | 1 | 1 | 0.32 |
| CL 036 | 52 | M | Contagem | 5 | ulcer | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 4.05 |
| CL 037 | 58 | M | Contagem | 5 | ulcer | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 75.22 |
| CL 038 | 62 | M | Alto Caiçaras | 5 | ulcer e nodule | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2245.52 |
| CL 039 | 63 | M | Água Boa | 5 | ulcer (2) | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 4905.57 |
| CL 040 | 63 | M | Novo Cruzeiro | 6 | ulcer | 1 | 9 | 0 | 1 | 1 | 1 | 1 | 7.12 |
| CL 041 | 63 | M | Novo Cruzeiro | 6 | ulcer | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 8.75 |
| CL 042 | 67 | M | Tapirai | 6 | ulcer | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15880.47 |
| CL 043 | 56 | F | Barão de Cocais | 7 | plate | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 74.95 |
| CL 044 | 69 | M | Raposos | 7 | ulcer | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 924.51 |
| CL 045 | 70 | M | Ladainha | 8 | ulcer | 2 | 9 | 0 | 0 | 0 | 1 | 1 | 87.55 |
| CL 046 | 10 | F | Belo Horizonte | 8 | ulcer | 1 | 1 | 9 | 1 | 1 | 1 | 1 | 0.44 |
| CL 047 | 73 | M | Raposos | 10 | ulcer | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 2.90 |
| CL 048 | 78 | M | São Domingos das Dores | 11 | papule | 3 | 1 | 0 | 0 | 1 | 1 | 1 | 5601.12 |
| CL 049 | 84 | M | São Gonçalo do Rio Preto | 18 | ulcer | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 45.49 |

Legend: (DE) Direct examination; (HE) Histopathological examination; (IHC-HRP) Immunohistochemistry with enzymes horseradish peroxidase; (IHC-FA) Immunohistochemistry with alkaline phosphatase; (qPCR) Quantitative real-time polymerase chain reaction; *expressed as the number of Leishmania parasites per μg of tissue DNA.