

図6 LAH2, LAH3 の Cytochrome b (cytb) 遺伝子のシーケンス (トノサマガエルの亜種を判別するために用いたcytb領域：図4参照)

- ① トノサマガエル属トノサマガエル種cytbシーケンス <https://www.ncbi.nlm.nih.gov/nuccore/KT878718.1>
- ② RCB1735 LAH2 Lot.1 :LAH2提供細胞 (Lot.1) の実験結果 (トノサマガエル属トノサマガエル種として寄託)
- ③ RCB1735 LAH2 TK :寄託直後のLAH2細胞の実験結果
- ④ RCB1734 LAH3 Lot.1 :LAH3提供細胞 (Lot.1) の実験結果 (トノサマガエル属ダルマガエル種ナゴヤダルマガエル亜種として寄託)
- ⑤ RCB1734 LAH3 TK :寄託直後のLAH3細胞の実験結果
- ⑥ トノサマガエル属ダルマガエル種ナゴヤダルマガエル亜種cytbシーケンス <https://www.ncbi.nlm.nih.gov/nuccore/AB980777.1>

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① 1 CCTCCTCGGAGTCTGCTTAATTGC CAAATCGCCACCGGCTTATTCTAGCCATGCACATAACAGCCGATACATCCC TGCAATTCATCTATTGCCCAATCTGCCGAGA GTTAATAACGGT GACTCCTACGAAACCTTCAGCCAA 150
② 1 CCTCCTCGGGTCTGCTTAATTGCTCAAATCGCCACCGGCTTATTCTAGCCATGCACATACACAGCCGACACATCCCTTGCAATTTTCATCTATTGCCCATATCTGCCGAGACGTTAATAACGGTTGACTCCTACGAAACCTTCATGCCAA 150
③ 1 CCTCCTCGGGTCTGCTTAATTGCTCAAATCGCCACCGGCTTATTCTAGCCATGCACATACACAGCCGACACATCCCTTGCAATTTTCATCTATTGCCCATATCTGCCGAGACGTTAATAACGGTTGACTCCTACGAAACCTTCATGCCAA 150
④ 1 CCTCCTCGGGTCTGCTTAATTGCTCAAATCGCCACCGGCTTATTCTAGCCATGCACATACACAGCCGACACATCCCTTGCAATTTTCATCTATTGCCCATATCTGCCGAGACGTTAATAACGGTTGACTCCTACGAAACCTTCATGCCAA 150
⑤ 1 CCTCCTCGGGTCTGCTTAATTGCTCAAATCGCCACCGGCTTATTCTAGCCATGCACATACACAGCCGACACATCCCTTGCAATTTTCATCTATTGCCCATATCTGCCGAGACGTTAATAACGGTTGACTCCTACGAAACCTTCATGCCAA 150
⑥ 1 CCTCCTCGGGTCTGCTTAATTGCTCAAATCGCCACCGGCTTATTCTAGCCATGCACATACACAGCCGACACATCCCTTGCAATTTTCATCTATTGCCCATATCTGCCGAGACGTTAATAACGGTTGACTCCTACGAAACCTTCATGCCAA 150

① 151 CGGCGCATCTTTCTTCTTTCATCTGCATCTACTTCCACATTGGCCGGTCTTACTATGGCTCCTACCTCTATAAAGAAACCTGAAACATTGGCGTCTCTCTGTGTTCTTAGTCATAGCCACGGCCTTTGTAGGCTA GTCCCTCCCTTG 300
② 151 CGGCGCATCTTTCTTCTTTCATCTGCATCTACTTCCACATTGGACGAGGTCTCTACTACGGCTCCTACCTCTATAAAGAAACCTGAAACATTGGCGTGTGTTCTACTGCTTTTAGTCATAGCCACTGCCTTTGTAGGCTACGTCCCTCCCTTG 300
③ 151 CGGCGCATCTTTCTTCTTTCATCTGCATCTACTTCCACATTGGACGAGGTCTCTACTACGGCTCCTACCTCTATAAAGAAACCTGAAACATTGGCGTGTGTTCTACTGCTTTTAGTCATAGCCACTGCCTTTGTAGGCTACGTCCCTCCCTTG 300
④ 151 CGGCGCATCTTTCTTCTTTCATCTGCATCTACTTCCACATTGGACGAGGTCTCTACTACGGCTCCTACCTCTATAAAGAAACCTGAAACATTGGCGTGTGTTCTACTGCTTTTAGTCATAGCCACTGCCTTTGTAGGCTACGTCCCTCCCTTG 300
⑤ 151 CGGCGCATCTTTCTTCTTTCATCTGCATCTACTTCCACATTGGACGAGGTCTCTACTACGGCTCCTACCTCTATAAAGAAACCTGAAACATTGGCGTGTGTTCTACTGCTTTTAGTCATAGCCACTGCCTTTGTAGGCTACGTCCCTCCCTTG 300
⑥ 151 CGGCGCATCTTTCTTCTTTCATCTGCATCTACTTCCACATTGGACGAGGTCTCTACTACGGCTCCTACCTCTATAAAGAAACCTGAAACATTGGCGTGTGTTCTACTGCTTTTAGTCATAGCCACTGCCTTTGTAGGCTACGTCCCTCCCTTG 300

① 301 AGGC CAAATATCTTCTGAGGCGCCACAGTCATTACAACTCTATCAGCCGCCCTTACATCGGCCAGATCTAGTTCAATGAATTTGAGGGGGTCTCAGTAGACAACGCACCCTCACCCGTTTCTTTCACATT CACTTCATCTCT 450
② 301 AGGCCAAATATCTTCTGAGGCGCCACAGTCATTACTAACCTTCTATCAGCCGCCCTTACATCGGCCAGATCTAGTTCAATGAATTTGAGGGGGTCTCAGTAGACAACGCACCCTCACCCGTTTCTTACATTTCACTTCATCTCT 450
③ 301 AGGCCAAATATCTTCTGAGGCGCCACAGTCATTACTAACCTTCTATCAGCCGCCCTTACATCGGCCAGATCTAGTTCAATGAATTTGAGGGGGTCTCAGTAGACAACGCACCCTCACCCGTTTCTTACATTTCACTTCATCTCT 450
④ 301 AGGCCAAATATCTTCTGAGGCGCCACAGTCATTACTAACCTTCTATCAGCCGCCCTTACATCGGCCAGATCTAGTTCAATGAATTTGAGGGGGTCTCAGTAGACAACGCACCCTCACCCGTTTCTTACATTTCACTTCATCTCT 450
⑤ 301 AGGCCAAATATCTTCTGAGGCGCCACAGTCATTACTAACCTTCTATCAGCCGCCCTTACATCGGCCAGATCTAGTTCAATGAATTTGAGGGGGTCTCAGTAGACAACGCACCCTCACCCGTTTCTTACATTTCACTTCATCTCT 450
⑥ 301 AGGCCAAATATCTTCTGAGGCGCCACAGTCATTACTAACCTTCTATCAGCCGCCCTTACATCGGCCAGATCTAGTTCAATGAATTTGAGGGGGTCTCAGTAGACAACGCACCCTCACCCGTTTCTTACATTTCACTTCATCTCT 450

① 451 CCCCCTTTCATTTATTGAGCGAGGCAAGTATGATCACCTCTCTTTCTTCCACCAAAACCGGATCCTCTAACCCCAACAGGATTAACCTCCAATCTTGATAAAGTCTCTTTTCAC 559
② 451 CCCCCTTTCATTTATTGAGCGAGGCAAGGATAAATCACCTCTCTTTCTTCCACCAAAACCGGATCCTCTAACCCCAACAGGATTAACCTCCAATCTTGATAAAGTCTCTTTTCAC 559
③ 451 CCCCCTTTCATTTATTGAGCGAGGCAAGGATAAATCACCTCTCTTTCTTCCACCAAAACCGGATCCTCTAACCCCAACAGGATTAACCTCCAATCTTGATAAAGTCTCTTTTCAC 559
④ 451 CCCCCTTTCATTTATTGAGCGAGGCAAGGATAAATCACCTCTCTTTCTTCCACCAAAACCGGATCCTCTAACCCCAACAGGATTAACCTCCAATCTTGATAAAGTCTCTTTTCAC 559
⑤ 451 CCCCCTTTCATTTATTGAGCGAGGCAAGGATAAATCACCTCTCTTTCTTCCACCAAAACCGGATCCTCTAACCCCAACAGGATTAACCTCCAATCTTGATAAAGTCTCTTTTCAC 559
⑥ 451 CCCCCTTTCATTTATTGAGCGAGGCAAGGATAAATCACCTCTCTTTCTTCCACCAAAACCGGATCCTCTAACCCCAACAGGATTAACCTCCAATCTTGATAAAGTCTCTTTTCAC 559

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