

T.interdigitale	-----CACGGTAATAACCGTACCCGAGGTCCCCGGCGTGCGGA
T.tonsurans	-----CACGCTTATAACCGTACCCGAGATCCTTGGCGTACGGA
T.benhamiae (white)	CTCTGGTGAGAGAGTGCAGTTGCACGATTGTAACCATACCATGGTCCCTTGCAGTGCGGT
T.erinacei	CTCCCGTGAGAGAGTGCAGTTGCACACTACTGTAACCGTACCCATGGTCCCTTGCAGTGTTGG
T.benhamiae (African)	CTCTTGTGAGAGAGTGCAGTTGCACGCTGATAACCGTACCCATGGTCCCTTGCAGTGCGGC
T.equinum	-----CACGCTCATAACCGTACCCGAGATCCTTGGCGTGCGGA
T.benhamiae (yellow)	CTCCCGTGAGAGAGTGCATTTGCACGATCGTAACCGTACCCCAAGTCCCTTGCAGAACGGT
T.concentricum	CTCCCGTGAGAGAGTGCAGTTGCACGATTGTAACCGTACCCCAAGTCCCTTGCAGAACGGT
consensus	*** .*****.***** :..*** * .*:..** xxxxxxxxxxxxxxxxxxxxxxxxxxxxCACXXXXTAAACCXTACCCxxxxTCCxxGxxGxxGGx
T.interdigitale	CTCATAACGGCTGGATTATGGGCTCCTTCGTGGATTATGGTTCGAGACGCGATCTTGACCA
T.tonsurans	TGCATAACGGCTGGATTATGGGCTCCTTCGTGGATTATGGTTCGAGACGCGATCTTGATGA
T.benhamiae (white)	GTGACAGCATTTGGATTATGGGCTCCTTCGTGGATTACGGTCCCGACACGATCCTGACGA
T.erinacei	TTAGCAACATTTGGATTATGGAGTGTCTTCGTGGATTACGGTCCCAACACGATCCTGACCA
T.benhamiae (African)	TTGACAACACTTTGGATTATGGGCTCCTTCGTGGACTACGGTCCCGATACGATCCTGACGA
T.equinum	CGCATAACGGCTGGATTATGGGCTCCTTCGTGGATTATGGTTCGAGACGCGATCTTGATGA
T.benhamiae (yellow)	GTAACAACCTTTGGATTATGGAGTAATTTCGTGGATTATGGTTCGACACGATCCTTGCGCA
T.concentricum	GTAACAACACTTTGGATTATGGAGTAATTTCGTGGATTATGGTTCGACACGATCCTTGCGCA
consensus	. *. * *****. * .***** ** *** .*. ***** *. * xxxxxAxCxxxTGGATTATGGxxTxTTCGTGGAxTxAGGTxxxxAxxCGATCxTgxxxA
T.interdigitale	TGGCACTTCTTGGTGAGATGGGGCAGTTGCCAAAAGATGTCGACGGGAAAGACCGAATTC
T.tonsurans	TGGCACTTATCGGTGAGATGAGGCAGTTGCCAAAAGATGTTGACGGGGAAGACCGAATTC
T.benhamiae (white)	TGGCACTCATTTGGTGCGGTGGGGCAGTTGCCAAAAGAGGGAGCAGGGTGAACCTCATTC
T.erinacei	TGGCACTTCTTGGTTTGTGCGCCATATTCCAAAAGATGGGGCAGGGTGAACCTCATTTG
T.benhamiae (African)	TGGCACTTATTTGGTGCGGTGGGGCAGTTGCCAAAAGATGTCGACGGGGAACCTCATTC
T.equinum	TGGCACTTATCGGTGAGATGAGGCAGTTGCCAAAAGATGTAGCAGGGGAAGACCGAATTC
T.benhamiae (yellow)	TGGCACTTATTTGGTTTGGTGGGGCAGTTGCCAAAAGATGGAGCAGGGGAAGACCGAGTTC
T.concentricum	TGGCACTTATTTGGTTTGGTGGGGCAGTTGCCAAAAGATGGGGCAGGGGAAGACCGAGTTC
consensus	***** . * *** .** * ** : * *****: * ***** :..*** .** TGGCACTxxTxGGTxxxxTGxGxCxxxTCCAAAAGxxGxxGCAGGGxxxxACCxxxTTx
T.interdigitale	ATGGCTGGGAGGGTGTAGGCAATAGTTCTGCGACGGCATCGTCGATGTTTATCGTGGCAG
T.tonsurans	ATGGCTGGGAGGGTGTAGGCAATAGTTCTGGGACGGCATCGTCGATGTTTATCGTAGCAG
T.benhamiae (white)	CTAGCTGGAAAGGTGTAGGCAATGTTCTGGGACTGCATCGGCGAGGACCATCGGAGCAG
T.erinacei	TTAGATGGAAGGGTGTAGGCAATGTTCTGGGACCGCATCGGCGAGGACCATCGGAGCAG
T.benhamiae (African)	CTAGATGGAAAGGTGTAGGCAATGTTCTGGGACCGCATCGGCGAGGACCATCGGAGCAG
T.equinum	ATGGCTGGGAGGGTGTAGGCAATAGTTCTGGGACGGCATCGTCGATGTTTATCGTAGCAG
T.benhamiae (yellow)	TCGCCTGGAAAGGGTGTAGGCAATGATTTTGGGCCTACATCGGTGACGTGCATCGGAGCAG
T.concentricum	TCGCCTGGAAAGGGTGTAGGCAATGTTCTGGGCCTACATCGGTGACGTGCATCGGAGTAG
consensus	. .***.*****.*****.*** ** * . * ***** ** *: **** . * ** xxxxxTGGxAxGGTGTAGGCAATxxTTxTGxGxCxxCATCGxxGAxGxxxATCGxxGxAG
T.interdigitale	AACCACTTAACAGGGCCACCCTCTGAAACGGATGCTTTGGAAATCGAGTTGAGATGCGCG
T.tonsurans	AACCACTGAACAGGGCCACCCTCTGAAACGGATGCTTTGGAAATCGAGTAGAGATGCATG
T.benhamiae (white)	AAC-----
T.erinacei	TA-----
T.benhamiae (African)	AAC-----
T.equinum	AACCACTGAACAGGGCCACCCTCTGAAACGGATGCTTTGGAAATCGAGTAGAGATGCATG
T.benhamiae (yellow)	TAC-----
T.concentricum	TAC-----
consensus	:* xA
T.interdigitale	GAAACCTCCTTCCTGGTTGCAGGATC
T.tonsurans	GAAACCTCCTTCCTGGTTGCAGAATC
T.benhamiae (white)	-----
T.erinacei	-----
T.benhamiae (African)	-----
T.equinum	GAAACCTCCTTCCTGGTTGCAGAATC
T.benhamiae (yellow)	-----
T.concentricum	-----

Fig. 1

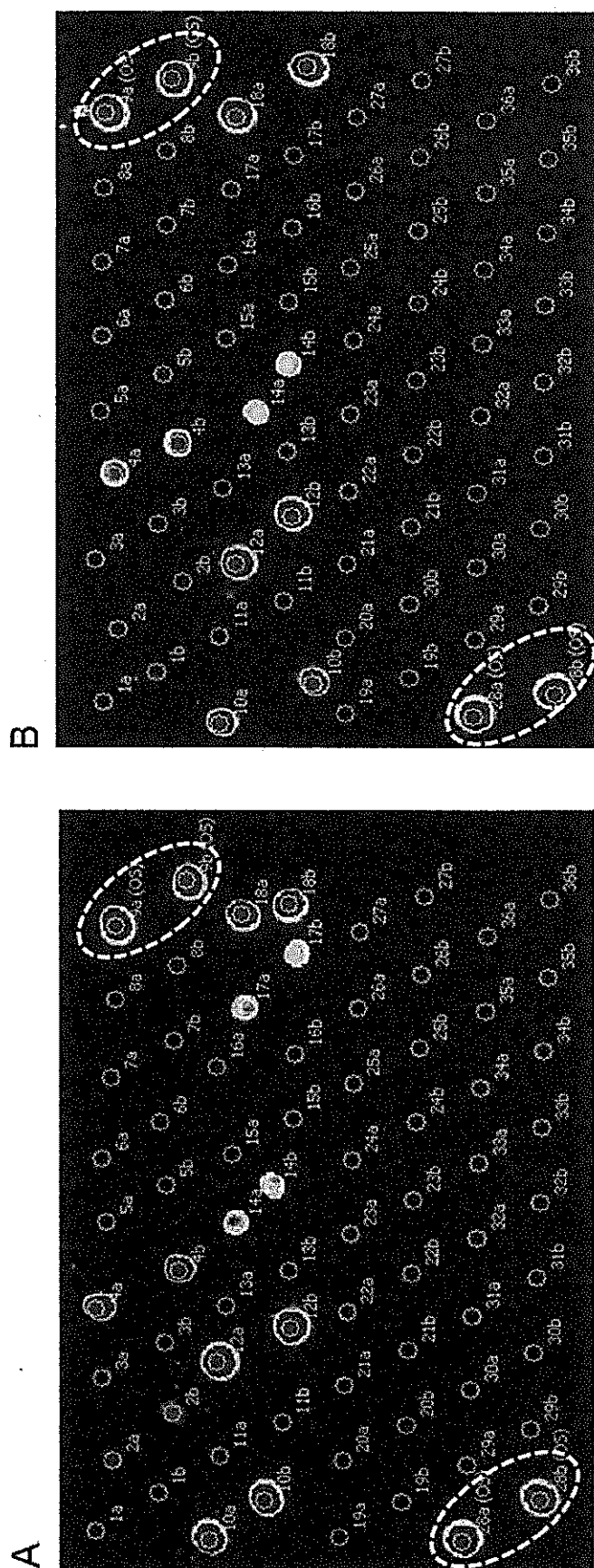
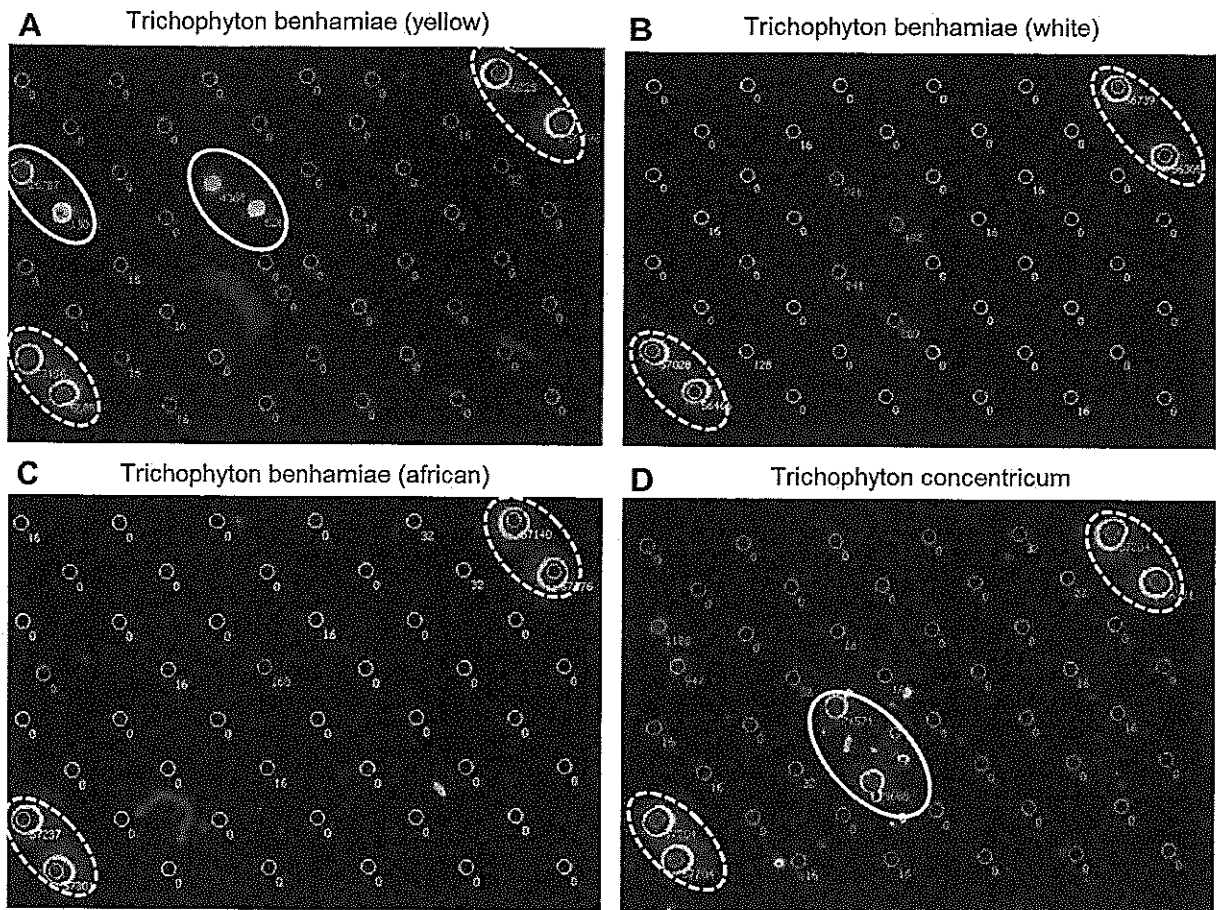
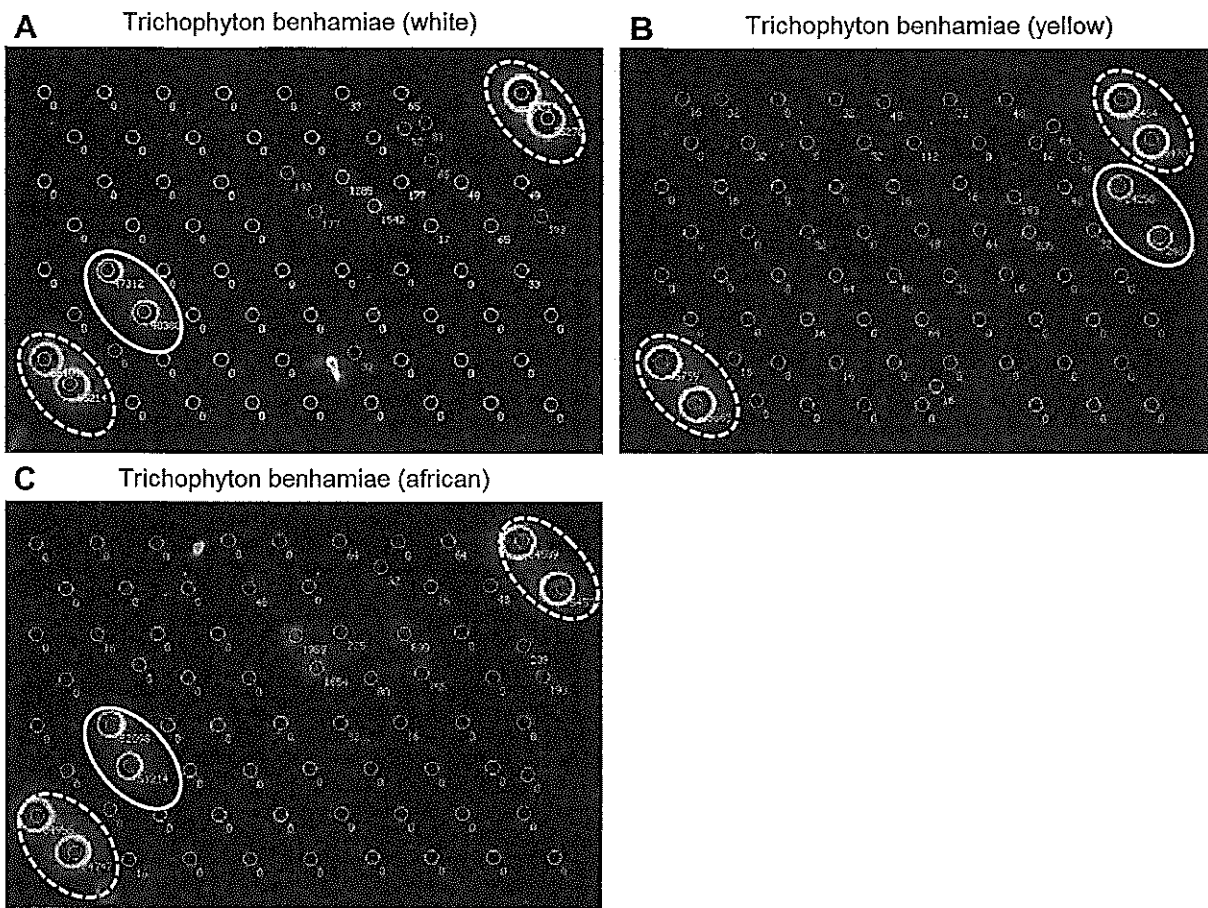


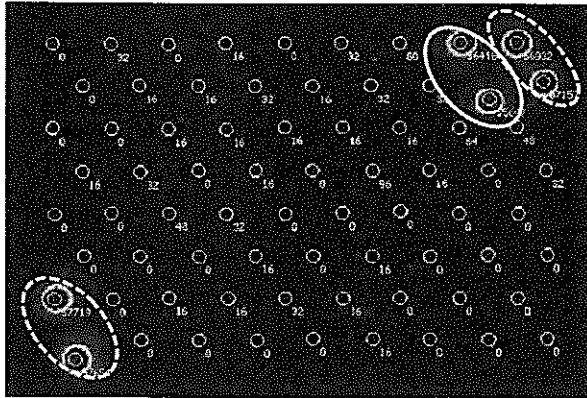
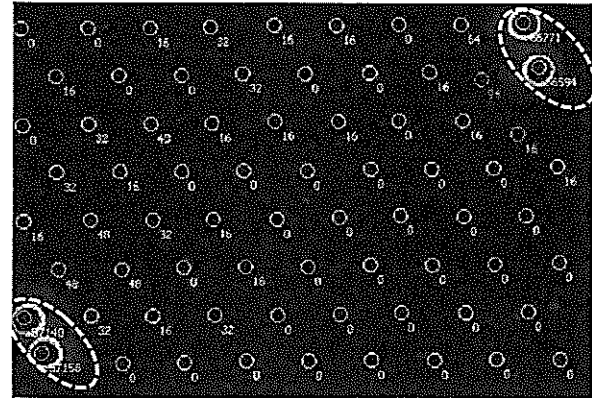
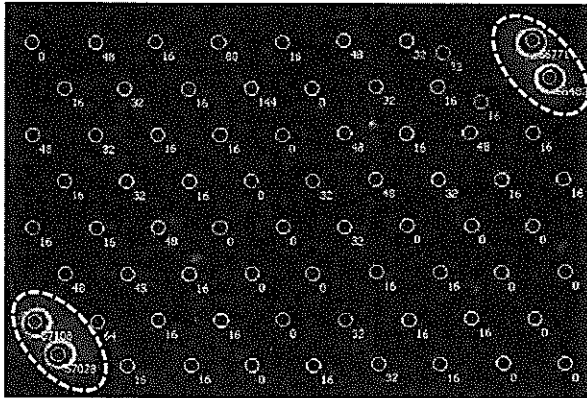
Fig. 2

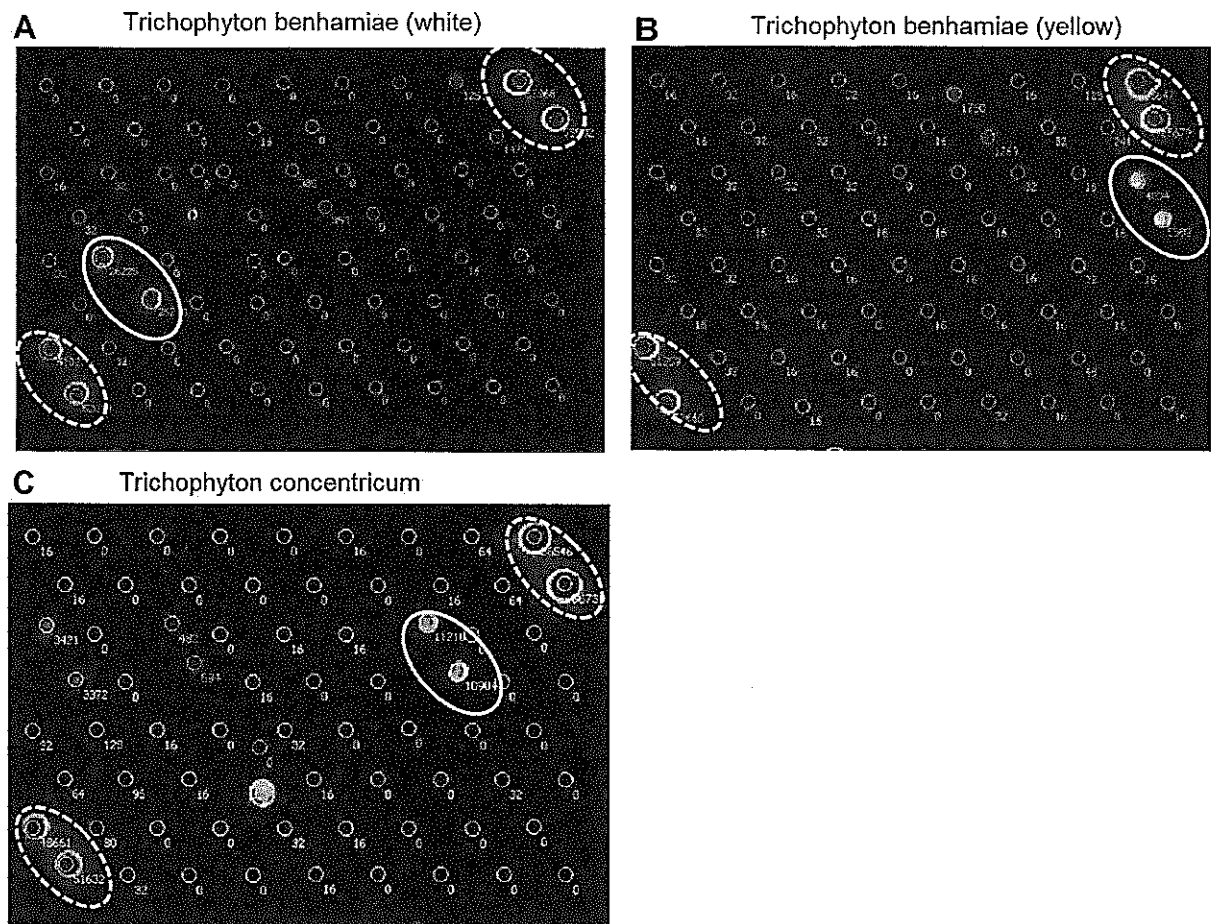


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**Fig. 3**

**Fig. 4**

A *Trichophyton erinacei***B** *Trichophyton benhamiae* (white)**C** *Trichophyton benhamiae* (african)**Fig. 5**

**Fig. 6**