

**S12 Table. Interacting taxa pairs found by automated text-mining methods and association pairs suggested by MPLasso.**

Taxa Pairs	Body Sites	Type	Reference
<i>Fusobacterium nucleatum</i> , <i>Treponema denticola</i>	SupPla	NEG	[1]
<i>Prevotella intermedia</i> , <i>Streptococcus mitis</i>	SupPla	NEG	[2]
<i>Fusobacterium periodonticum</i> , <i>Treponema vincentii</i>	SupPla	NEG	[1]
<i>Streptococcus australis</i> , <i>Catonella morbi</i>	SupPla	NA	MPLasso
<i>Leptotrichia shahii</i> , <i>Leptotrichia wadei</i>	SupPla	NA	MPLasso
<i>Streptococcus sanguinis</i> , <i>Fusobacterium nucleatum</i>	BucMuc	NEG	[3]
<i>Actinomyces naeslundii</i> , <i>Fusobacterium nucleatum</i>	BucMuc	NEG	[4]
<i>Streptococcus infantis</i> , <i>Streptococcus salivarius</i>	BucMuc	NEG	[5]
<i>Actinomyces graevenitzi</i> , <i>Actinomyces naeslundii</i>	BucMuc	NA	MPLasso
<i>Rothia aerea</i> , <i>Rothia dentocariosa</i>	BucMuc	NA	MPLasso
<i>Actinomyces oris</i> , <i>Fusobacterium nucleatum</i>	TonDor	NEG	[6]
<i>Prevotella nigrescens</i> , <i>Prevotella pallens</i>	TonDor	NEG	[7]
<i>Fusobacterium periodonticum</i> , <i>Treponema socranskii</i>	TonDor	NEG	[1]
<i>Neisseria meningitidis</i> , <i>Treponema vincentii</i>	TonDor	NA	MPLasso
<i>Leptotrichia buccalis</i> , <i>Neisseria meningitidis</i>	TonDor	NA	MPLasso

NEG means negative interactions. NA means Not Applicable since MPLasso is not able to differentiate the interaction type.

## References

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